

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033271.D
 Acq On : 06 Dec 2022 20:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 01:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	138879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65863	48.436	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.880%		
35) Dibromofluoromethane	5.391	113	59382	47.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.100%		
50) Toluene-d8	8.653	98	168457	44.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	89.200%#		
62) 4-Bromofluorobenzene	11.079	95	76562	46.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38449	36.238	ug/l	97
3) Chloromethane	1.294	50	44874	39.177	ug/l	97
4) Vinyl Chloride	1.374	62	53368	41.845	ug/l	99
5) Bromomethane	1.618	94	37666	39.827	ug/l	99
6) Chloroethane	1.691	64	45312	43.641	ug/l	99
7) Trichlorofluoromethane	1.892	101	107440	43.405	ug/l	100
8) Diethyl Ether	2.136	74	39373	50.524	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	58862	45.243	ug/l	99
10) Methyl Iodide	2.453	142	61729	41.446	ug/l	99
11) Tert butyl alcohol	2.995	59	58128	271.128	ug/l	99
12) 1,1-Dichloroethene	2.325	96	55991	46.199	ug/l	97
13) Acrolein	2.239	56	77828	316.036	ug/l	99
14) Allyl chloride	2.666	41	93221	47.643	ug/l	95
15) Acrylonitrile	3.068	53	160749	265.085	ug/l	99
16) Acetone	2.392	43	139267	220.488	ug/l	99
17) Carbon Disulfide	2.514	76	124268	37.113	ug/l	100
18) Methyl Acetate	2.709	43	95092	54.386	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	216291	51.459	ug/l	98
20) Methylene Chloride	2.794	84	66325	50.478	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	62839	45.327	ug/l	97
22) Diisopropyl ether	3.757	45	217119	50.961	ug/l #	87
23) Vinyl Acetate	3.721	43	825451	247.512	ug/l	97
24) 1,1-Dichloroethane	3.611	63	118438	48.579	ug/l	99
25) 2-Butanone	4.562	43	225081	258.427	ug/l	99
26) 2,2-Dichloropropane	4.477	77	86970	44.365	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	77915	49.465	ug/l	99
28) Bromochloromethane	4.904	49	58600	54.701	ug/l	95
29) Tetrahydrofuran	5.007	42	146612	265.283	ug/l	98
30) Chloroform	5.099	83	136930	50.146	ug/l	98
31) Cyclohexane	5.471	56	95117	43.404	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	118459	48.442	ug/l	99
36) 1,1-Dichloropropene	5.696	75	89880	45.014	ug/l	99
37) Ethyl Acetate	4.715	43	91192	52.349	ug/l	99
38) Carbon Tetrachloride	5.678	117	103465	46.711	ug/l	98
39) Methylcyclohexane	7.385	83	99914	43.857	ug/l	98
40) Benzene	6.037	78	266988	47.691	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033271.D
 Acq On : 06 Dec 2022 20:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 01:36:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52720	53.786	ug/l	97
42) 1,2-Dichloroethane	6.086	62	111010	49.249	ug/l	99
43) Isopropyl Acetate	6.342	43	150421	52.213	ug/l	99
44) Trichloroethene	7.129	130	73461	46.763	ug/l	97
45) 1,2-Dichloropropane	7.434	63	70861	51.219	ug/l	100
46) Dibromomethane	7.580	93	53585	49.638	ug/l	99
47) Bromodichloromethane	7.824	83	107577	51.572	ug/l	100
48) Methyl methacrylate	7.696	41	76367	51.498	ug/l	94
49) 1,4-Dioxane	7.702	88	32834	1202.828	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	482209	271.252	ug/l	98
52) Toluene	8.720	92	176295	47.866	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	105406	47.119	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	113444	50.447	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	77642	51.778	ug/l	98
56) Ethyl methacrylate	9.116	69	110977	53.715	ug/l	94
57) 1,3-Dichloropropane	9.311	76	122751	50.708	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	266713	271.855	ug/l	99
59) 2-Hexanone	9.433	43	357130	271.948	ug/l	96
60) Dibromochloromethane	9.525	129	87941	54.472	ug/l	100
61) 1,2-Dibromoethane	9.610	107	82044	51.837	ug/l	98
64) Tetrachloroethene	9.275	164	62580	44.070	ug/l	98
65) Chlorobenzene	10.079	112	196902	49.230	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	76702	52.338	ug/l	99
67) Ethyl Benzene	10.195	91	349789	49.301	ug/l	100
68) m/p-Xylenes	10.305	106	270128	97.228	ug/l	99
69) o-Xylene	10.640	106	133729	49.747	ug/l	98
70) Styrene	10.659	104	224728	51.099	ug/l	99
71) Bromoform	10.799	173	63969	56.931	ug/l #	98
73) Isopropylbenzene	10.963	105	355481	49.281	ug/l	100
74) N-amyl acetate	10.842	43	131937	53.768	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	117549	53.993	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105193m	55.026	ug/l	
77) Bromobenzene	11.201	156	89152	50.255	ug/l	98
78) n-propylbenzene	11.305	91	402915	48.854	ug/l	99
79) 2-Chlorotoluene	11.366	91	243537	48.620	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	301491	49.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32089	54.561	ug/l	97
82) 4-Chlorotoluene	11.457	91	279700	47.650	ug/l	98
83) tert-Butylbenzene	11.713	119	307014	50.899	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	300686	49.764	ug/l	100
85) sec-Butylbenzene	11.890	105	358571	49.689	ug/l	100
86) p-Isopropyltoluene	12.012	119	306718	50.166	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162933	48.967	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	163835	48.078	ug/l	99
89) n-Butylbenzene	12.335	91	258543	49.086	ug/l	100
90) Hexachloroethane	12.542	117	51362	51.133	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	161567	49.916	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25196	58.005	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	102146	51.195	ug/l	97
94) Hexachlorobutadiene	13.725	225	40018	45.462	ug/l	99
95) Naphthalene	13.774	128	352072	54.545	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	104221	52.088	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
Data File : VX033271.D
Acq On : 06 Dec 2022 20:04
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 01:36:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

