

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033275.D
 Acq On : 07 Dec 2022 10:32
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 11:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 09:47:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231761	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	19119	12.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	24.060%#		
35) Dibromofluoromethane	5.391	113	21699	16.607	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	33.220%#		
50) Toluene-d8	8.653	98	45228	10.662	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	21.320%#		
62) 4-Bromofluorobenzene	11.079	95	35433	20.645	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.280%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	23127	20.520	ug/l	99
3) Chloromethane	1.294	50	26409	21.705	ug/l	98
4) Vinyl Chloride	1.373	62	30354	22.406	ug/l	98
5) Bromomethane	1.617	94	21504	21.406	ug/l	99
6) Chloroethane	1.690	64	23121	20.964	ug/l	97
7) Trichlorofluoromethane	1.892	101	57892	22.018	ug/l	99
8) Diethyl Ether	2.135	74	20304	24.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.330	101	31565	22.840	ug/l	96
10) Methyl Iodide	2.452	142	32964	20.836	ug/l	99
11) Tert butyl alcohol	2.989	59	29613	130.033	ug/l	99
12) 1,1-Dichloroethene	2.324	96	29810	23.156	ug/l	98
13) Acrolein	2.239	56	24508	93.690	ug/l	100
14) Allyl chloride	2.666	41	47089	22.656	ug/l	96
15) Acrylonitrile	3.068	53	78907	122.500	ug/l	99
16) Acetone	2.391	43	78227	116.594	ug/l	100
17) Carbon Disulfide	2.513	76	75958	21.356	ug/l	100
18) Methyl Acetate	2.708	43	45026	24.243	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	100985	22.619	ug/l	99
20) Methylene Chloride	2.794	84	33410	20.670	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	32308	21.939	ug/l	96
22) Diisopropyl ether	3.763	45	102846	22.725	ug/l	97
23) Vinyl Acetate	3.720	43	393390	111.048	ug/l	100
24) 1,1-Dichloroethane	3.611	63	59379	22.928	ug/l	99
25) 2-Butanone	4.562	43	113918	123.133	ug/l	98
26) 2,2-Dichloropropane	4.483	77	43915	21.089	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	38152	22.802	ug/l	99
28) Bromochloromethane	4.897	49	24001	21.092	ug/l	97
29) Tetrahydrofuran	5.013	42	72726	123.883	ug/l	99
30) Chloroform	5.098	83	66575	22.953	ug/l	98
31) Cyclohexane	5.476	56	51704	22.212	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	58398	22.482	ug/l	99
36) 1,1-Dichloropropene	5.696	75	46341	22.181	ug/l	99
37) Ethyl Acetate	4.720	43	44368	24.342	ug/l	98
38) Carbon Tetrachloride	5.677	117	52464	22.637	ug/l	97
39) Methylcyclohexane	7.384	83	53198	22.317	ug/l	97
40) Benzene	6.037	78	135692	23.165	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033275.D
 Acq On : 07 Dec 2022 10:32
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 11:16:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 09:47:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24810	24.191	ug/l	98
42) 1,2-Dichloroethane	6.092	62	54314	23.029	ug/l	99
43) Isopropyl Acetate	6.342	43	69604	23.091	ug/l	99
44) Trichloroethene	7.128	130	37995	23.116	ug/l	100
45) 1,2-Dichloropropane	7.433	63	34412	23.772	ug/l	96
46) Dibromomethane	7.586	93	26034	23.049	ug/l	98
47) Bromodichloromethane	7.823	83	52123	23.881	ug/l	99
48) Methyl methacrylate	7.695	41	35797	23.071	ug/l	97
49) 1,4-Dioxane	7.701	88	16990	594.851	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	231237	124.317	ug/l	99
52) Toluene	8.720	92	89946	23.340	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	48793	22.777	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	53756	22.847	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	35906	22.885	ug/l	99
56) Ethyl methacrylate	9.116	69	51875	23.997	ug/l	95
57) 1,3-Dichloropropane	9.311	76	59108	23.336	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	101008	98.398	ug/l	100
59) 2-Hexanone	9.433	43	173715	126.425	ug/l	98
60) Dibromochloromethane	9.524	129	40652	24.066	ug/l	99
61) 1,2-Dibromoethane	9.610	107	39225	23.686	ug/l	98
64) Tetrachloroethene	9.274	164	33071	22.029	ug/l	96
65) Chlorobenzene	10.079	112	98299	23.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	37470	24.185	ug/l	99
67) Ethyl Benzene	10.195	91	173292	23.103	ug/l	100
68) m/p-Xylenes	10.299	106	134099	45.655	ug/l	100
69) o-Xylene	10.640	106	66685	23.464	ug/l	98
70) Styrene	10.658	104	109831	23.622	ug/l	100
71) Bromoform	10.798	173	29189	24.572	ug/l #	99
73) Isopropylbenzene	10.963	105	175194	23.430	ug/l	100
74) N-amyl acetate	10.841	43	60421	23.754	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	54465	24.134	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	49227m	24.842	ug/l	
77) Bromobenzene	11.195	156	43240	23.514	ug/l	99
78) n-propylbenzene	11.304	91	199580	23.345	ug/l	100
79) 2-Chlorotoluene	11.365	91	120391	23.187	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	147966	23.556	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14526	23.827	ug/l	96
82) 4-Chlorotoluene	11.457	91	139436	22.916	ug/l	100
83) tert-Butylbenzene	11.713	119	148011	23.672	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	148682	23.739	ug/l	99
85) sec-Butylbenzene	11.890	105	174891	23.380	ug/l	100
86) p-Isopropyltoluene	12.012	119	150310	23.717	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	80485	23.335	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	79989	22.644	ug/l	99
89) n-Butylbenzene	12.335	91	125513	22.988	ug/l	100
90) Hexachloroethane	12.542	117	24641	23.665	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	79568	23.715	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	11683	25.947	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	48268	23.338	ug/l	97
94) Hexachlorobutadiene	13.725	225	19262	21.110	ug/l	99
95) Naphthalene	13.774	128	163799	24.481	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	47697	22.997	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
Data File : VX033275.D
Acq On : 07 Dec 2022 10:32
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 11:16:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 09:47:15 2022
Response via : Initial Calibration

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

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

