

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025474.D
 Acq On : 03 Dec 2021 12:01
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Dec 04 06:47:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						12/04/2021
1) Pentafluorobenzene	5.556	168	86207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60727	50.000	ug/l	0.00
System Monitoring Compounds						12/06/2021
33) 1,2-Dichloroethane-d4	5.958	65	46394	51.056	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.120%
35) Dibromofluoromethane	5.391	113	41243	50.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	8.647	98	149996	48.948	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	11.079	95	55530	47.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	15043	20.130	ug/l	97
3) Chloromethane	1.288	50	15499	16.751	ug/l	96
4) Vinyl Chloride	1.374	62	17176	16.908	ug/l	95
5) Bromomethane	1.599	94	10159	23.260	ug/l	100
6) Chloroethane	1.685	64	11100	15.836	ug/l	99
7) Trichlorofluoromethane	1.886	101	27452	18.207	ug/l	99
8) Diethyl Ether	2.136	74	11001	17.679	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	16437	20.488	ug/l	99
10) Methyl Iodide	2.453	142	15587	15.539	ug/l	94
11) Tert butyl alcohol	2.959	59	20239	84.109	ug/l	96
12) 1,1-Dichloroethene	2.319	96	15002	18.776	ug/l	86
13) Acrolein	2.233	56	3961	95.151	ug/l	99
14) Allyl chloride	2.666	41	25001	17.289	ug/l	95
15) Acrylonitrile	3.062	53	45563	93.439	ug/l	99
16) Acetone	2.380	43	48169	95.400	ug/l	96
17) Carbon Disulfide	2.508	76	33225	14.782	ug/l	98
18) Methyl Acetate	2.703	43	29409	18.230	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	55264	19.851	ug/l	100
20) Methylene Chloride	2.788	84	17250	18.174	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	15884	18.147	ug/l	84
22) Diisopropyl ether	3.764	45	52786	19.168	ug/l	97
23) Vinyl Acetate	3.721	43	208584	94.294	ug/l	97
24) 1,1-Dichloroethane	3.611	63	28481	18.928	ug/l	96
25) 2-Butanone	4.556	43	67489	92.450	ug/l	98
26) 2,2-Dichloropropane	4.477	77	24707	18.111	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	19861	19.430	ug/l	89
28) Bromochloromethane	4.904	49	13849	19.738	ug/l	94
29) Tetrahydrofuran	5.007	42	40541	89.692	ug/l	94
30) Chloroform	5.099	83	31012	19.804	ug/l	97
31) Cyclohexane	5.471	56	25316	18.029	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	27491	19.175	ug/l	97
36) 1,1-Dichloropropene	5.696	75	21900	18.897	ug/l	98
37) Ethyl Acetate	4.715	43	25627	19.435	ug/l	99
38) Carbon Tetrachloride	5.678	117	23770	18.622	ug/l	97
39) Methylcyclohexane	7.379	83	27626	18.584	ug/l	94
40) Benzene	6.038	78	67176	19.134	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025474.D
 Acq On : 03 Dec 2021 12:01
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Dec 04 06:47:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	13700	18.720	ug/l	97
42) 1,2-Dichloroethane	6.086	62	23716	20.761	ug/l	92
43) Isopropyl Acetate	6.342	43	40462	18.439	ug/l	98
44) Trichloroethene	7.129	130	19289	18.913	ug/l	91
45) 1,2-Dichloropropane	7.434	63	16759	19.436	ug/l	97
46) Dibromomethane	7.580	93	12265	19.594	ug/l	94
47) Bromodichloromethane	7.824	83	22915	18.628	ug/l	94
48) Methyl methacrylate	7.696	41	18771	18.226	ug/l	97
49) 1,4-Dioxane	7.659	88	7924	364.347	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	128850	93.641	ug/l	98
52) Toluene	8.720	92	44194	19.281	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	23789	17.390	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	26826	18.091	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	18582	20.398	ug/l	97
56) Ethyl methacrylate	9.116	69	27740	18.764	ug/l	96
57) 1,3-Dichloropropane	9.311	76	30188	19.993	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	65312	94.959	ug/l	94
59) 2-Hexanone	9.433	43	100120	92.293	ug/l	97
60) Dibromochloromethane	9.525	129	18758	17.890	ug/l	100
61) 1,2-Dibromoethane	9.610	107	19024	19.281	ug/l	97
64) Tetrachloroethene	9.275	164	19923	19.858	ug/l	94
65) Chlorobenzene	10.079	112	48486	19.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	17883	18.808	ug/l	99
67) Ethyl Benzene	10.195	91	83703	19.536	ug/l	97
68) m/p-Xylenes	10.305	106	67141	38.365	ug/l	94
69) o-Xylene	10.646	106	33288	19.434	ug/l	93
70) Styrene	10.659	104	54271	19.179	ug/l	96
71) Bromoform	10.799	173	13313	16.128	ug/l #	97
73) Isopropylbenzene	10.963	105	85327	19.715	ug/l	98
74) N-amyl acetate	10.842	43	33430	17.858	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	27617	19.728	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	24590m	19.774	ug/l	
77) Bromobenzene	11.201	156	21874	19.653	ug/l	93
78) n-propylbenzene	11.305	91	95168	19.590	ug/l	97
79) 2-Chlorotoluene	11.366	91	58197	19.677	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	71306	19.601	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	7166	14.517	ug/l	98
82) 4-Chlorotoluene	11.457	91	66615	19.731	ug/l	97
83) tert-Butylbenzene	11.719	119	72428	19.590	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	72041	20.036	ug/l	98
85) sec-Butylbenzene	11.890	105	89977	20.018	ug/l	97
86) p-Isopropyltoluene	12.012	119	75495	19.549	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	40452	19.524	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	39965	19.036	ug/l	98
89) n-Butylbenzene	12.335	91	61681	18.949	ug/l	97
90) Hexachloroethane	12.542	117	10406	14.622	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	40316	19.967	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5197	17.773	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	24199	20.362	ug/l	98
94) Hexachlorobutadiene	13.725	225	11195	19.618	ug/l	98
95) Naphthalene	13.780	128	77395	18.653	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	24062	20.696	ug/l	99

12/04/2021
 Supervised By :Mahesh
 Dadoda

12/06/2021

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025474.D
 Acq On : 03 Dec 2021 12:01
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Dec 04 06:47:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

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

12/04/2021
 Supervised By :Mahesh
 Dadoda

12/06/2021

