

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033258.D
 Acq On : 06 Dec 2022 14:42
 Operator : JC/MD
 Sample : VX1206WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS02

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 02:08:18 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	5.550	168	126130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70554	57.730	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.460%			
35) Dibromofluoromethane	5.385	113	62764	54.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.640%			
50) Toluene-d8	8.647	98	176790	50.892	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.079	95	82081	54.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	14670	15.224	ug/l	98
3) Chloromethane	1.294	50	17282	16.613	ug/l	96
4) Vinyl Chloride	1.373	62	19200	16.576	ug/l	98
5) Bromomethane	1.617	94	15708	18.288	ug/l	91
6) Chloroethane	1.691	64	16132	17.108	ug/l	100
7) Trichlorofluoromethane	1.892	101	40011	17.798	ug/l	97
8) Diethyl Ether	2.129	74	15638	22.095	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	22642	19.162	ug/l	99
10) Methyl Iodide	2.453	142	21079	15.583	ug/l	99
11) Tert butyl alcohol	3.001	59	20952	107.605	ug/l	99
12) 1,1-Dichloroethene	2.318	96	20972	19.053	ug/l	97
13) Acrolein	2.239	56	28312	126.587	ug/l	99
14) Allyl chloride	2.666	41	35467	19.959	ug/l	97
15) Acrylonitrile	3.062	53	61145	111.024	ug/l	98
16) Acetone	2.392	43	70146	122.281	ug/l	98
17) Carbon Disulfide	2.514	76	48095	15.816	ug/l	99
18) Methyl Acetate	2.703	43	35447	22.323	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	83589	21.897	ug/l	98
20) Methylene Chloride	2.788	84	26308	21.296	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	23501	18.665	ug/l	99
22) Diisopropyl ether	3.757	45	80916	20.912	ug/l	93
23) Vinyl Acetate	3.721	43	310528	102.524	ug/l	99
24) 1,1-Dichloroethane	3.605	63	45245	20.434	ug/l	99
25) 2-Butanone	4.556	43	89763	113.479	ug/l	99
26) 2,2-Dichloropropane	4.471	77	34963	19.638	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	30500	21.321	ug/l	96
28) Bromochloromethane	4.897	49	21032	21.617	ug/l	94
29) Tetrahydrofuran	5.007	42	53094	105.780	ug/l	98
30) Chloroform	5.086	83	52756	21.273	ug/l	95
31) Cyclohexane	5.470	56	33748	16.957	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	43426	19.553	ug/l	98
36) 1,1-Dichloropropene	5.690	75	33937	18.369	ug/l	100
37) Ethyl Acetate	4.708	43	32407	20.106	ug/l	100
38) Carbon Tetrachloride	5.672	117	38250	18.663	ug/l	100
39) Methylcyclohexane	7.379	83	35376	16.782	ug/l	100
40) Benzene	6.037	78	102375	19.764	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	18945	20.889	ug/l	97
42) 1,2-Dichloroethane	6.086	62	43298	20.760	ug/l	100
43) Isopropyl Acetate	6.336	43	54302	20.371	ug/l	99
44) Trichloroethene	7.122	130	28056	19.302	ug/l	96
45) 1,2-Dichloropropane	7.427	63	27020	21.108	ug/l	98
46) Dibromomethane	7.580	93	20765	20.789	ug/l	99
47) Bromodichloromethane	7.817	83	42206	21.868	ug/l	97
48) Methyl methacrylate	7.689	41	28060	20.451	ug/l	96
49) 1,4-Dioxane	7.696	88	11664	461.808	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	176031	107.019	ug/l	98
52) Toluene	8.720	92	67606	19.838	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	40751	20.571	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	43456	20.885	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	29426	21.209	ug/l	98
56) Ethyl methacrylate	9.116	69	41088	21.494	ug/l	95
57) 1,3-Dichloropropane	9.305	76	47301	21.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	97686	107.612	ug/l	98
59) 2-Hexanone	9.427	43	137045	112.787	ug/l	98
60) Dibromochloromethane	9.518	129	32925	22.042	ug/l	98
61) 1,2-Dibromoethane	9.610	107	31277	21.358	ug/l	99
64) Tetrachloroethene	9.275	164	23983	17.860	ug/l	97
65) Chlorobenzene	10.079	112	77235	20.421	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	30750	22.189	ug/l	97
67) Ethyl Benzene	10.195	91	133162	19.848	ug/l	99
68) m/p-Xylenes	10.299	106	102217	38.907	ug/l	100
69) o-Xylene	10.640	106	52114	20.501	ug/l	99
70) Styrene	10.652	104	87481	21.035	ug/l	98
71) Bromoform	10.799	173	24140	22.719	ug/l #	98
73) Isopropylbenzene	10.963	105	132758	19.276	ug/l	99
74) N-amyl acetate	10.841	43	47362	20.215	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	44286	21.305	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	39328m	21.546	ug/l	
77) Bromobenzene	11.201	156	34784	20.536	ug/l	99
78) n-propylbenzene	11.305	91	148093	18.807	ug/l	99
79) 2-Chlorotoluene	11.366	91	94608	19.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	113690	19.650	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11540	20.550	ug/l	99
82) 4-Chlorotoluene	11.457	91	111072	19.818	ug/l	99
83) tert-Butylbenzene	11.713	119	114474	19.877	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	114592	19.863	ug/l	99
85) sec-Butylbenzene	11.890	105	129057	18.731	ug/l	100
86) p-Isopropyltoluene	12.012	119	111921	19.172	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	64522	20.309	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	65046	19.992	ug/l	98
89) n-Butylbenzene	12.335	91	90913	18.078	ug/l	99
90) Hexachloroethane	12.536	117	18882	19.688	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	64494	20.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9170	22.110	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	38801	20.368	ug/l	98
94) Hexachlorobutadiene	13.725	225	14783	17.589	ug/l	98
95) Naphthalene	13.774	128	130718	21.210	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38763	20.290	ug/l	99

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

