

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033257.D
 Acq On : 06 Dec 2022 13:10
 Operator : JC/MD
 Sample : VX1206WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBS01

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 01:30:55 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	144530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104794	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61338	42.993	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.980%		
35) Dibromofluoromethane	5.385	113	54992	43.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.420%		
50) Toluene-d8	8.647	98	158457	40.994	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	81.980%#		
62) 4-Bromofluorobenzene	11.079	95	70497	42.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17716	16.044	ug/l	99
3) Chloromethane	1.294	50	19275	16.170	ug/l	99
4) Vinyl Chloride	1.374	62	23746	17.891	ug/l	98
5) Bromomethane	1.617	94	16962	17.234	ug/l	99
6) Chloroethane	1.691	64	17546	16.238	ug/l	99
7) Trichlorofluoromethane	1.892	101	49009	19.025	ug/l	98
8) Diethyl Ether	2.130	74	16803	20.719	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	27039	19.970	ug/l	99
10) Methyl Iodide	2.453	142	22996	14.836	ug/l	100
11) Tert butyl alcohol	3.007	59	25676	115.078	ug/l #	80
12) 1,1-Dichloroethene	2.319	96	24797	19.660	ug/l	98
13) Acrolein	2.239	56	30767	120.051	ug/l	100
14) Allyl chloride	2.666	41	39294	19.297	ug/l	97
15) Acrylonitrile	3.068	53	63178	100.111	ug/l	99
16) Acetone	2.398	43	60232	91.631	ug/l	96
17) Carbon Disulfide	2.514	76	56942	16.341	ug/l	100
18) Methyl Acetate	2.709	43	36690	20.164	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	88243	20.174	ug/l	98
20) Methylene Chloride	2.788	84	27822	19.551	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	26803	18.578	ug/l	97
22) Diisopropyl ether	3.757	45	87737	19.788	ug/l #	88
23) Vinyl Acetate	3.721	43	329846	95.037	ug/l	99
24) 1,1-Dichloroethane	3.611	63	50275	19.815	ug/l	98
25) 2-Butanone	4.562	43	87974	97.058	ug/l	97
26) 2,2-Dichloropropane	4.477	77	39678	19.449	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	32893	20.066	ug/l	99
28) Bromochloromethane	4.897	49	22061	19.788	ug/l	96
29) Tetrahydrofuran	5.013	42	56464	98.172	ug/l	99
30) Chloroform	5.086	83	57451	20.217	ug/l	99
31) Cyclohexane	5.470	56	40146	17.603	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	51383	20.191	ug/l	100
36) 1,1-Dichloropropene	5.696	75	38388	18.865	ug/l	98
37) Ethyl Acetate	4.714	43	34734	19.565	ug/l	100
38) Carbon Tetrachloride	5.684	117	45501	20.157	ug/l	98
39) Methylcyclohexane	7.385	83	44526	19.178	ug/l	97
40) Benzene	6.037	78	113409	19.878	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19867	19.888	ug/l	98
42) 1,2-Dichloroethane	6.086	62	47069	20.490	ug/l	99
43) Isopropyl Acetate	6.336	43	57744	19.667	ug/l	99
44) Trichloroethene	7.123	130	31731	19.820	ug/l	97
45) 1,2-Dichloropropane	7.427	63	29147	20.672	ug/l	98
46) Dibromomethane	7.580	93	22395	20.356	ug/l	99
47) Bromodichloromethane	7.818	83	45159	21.243	ug/l	97
48) Methyl methacrylate	7.690	41	30138	19.942	ug/l	97
49) 1,4-Dioxane	7.720	88	12876	462.841	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	185221	102.235	ug/l	98
52) Toluene	8.720	92	75409	20.090	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	42352	19.496	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	46643	20.352	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	31178	20.402	ug/l	99
56) Ethyl methacrylate	9.116	69	43088	20.464	ug/l	97
57) 1,3-Dichloropropane	9.305	76	50990	20.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	101509	101.524	ug/l	99
59) 2-Hexanone	9.433	43	137611	102.822	ug/l	98
60) Dibromochloromethane	9.518	129	35693	21.694	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33036	20.481	ug/l	98
64) Tetrachloroethene	9.275	164	27550	19.147	ug/l	97
65) Chlorobenzene	10.079	112	82221	20.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31849	21.448	ug/l	99
67) Ethyl Benzene	10.195	91	149427	20.786	ug/l	99
68) m/p-Xylenes	10.299	106	113070	40.165	ug/l	98
69) o-Xylene	10.640	106	56003	20.560	ug/l	100
70) Styrene	10.659	104	93776	21.044	ug/l	99
71) Bromoform	10.799	173	25920	22.766	ug/l #	99
73) Isopropylbenzene	10.963	105	149046	19.903	ug/l	98
74) N-amyl acetate	10.841	43	49388	19.387	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	46063	20.380	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	41315m	20.817	ug/l	
77) Bromobenzene	11.195	156	36959	20.068	ug/l	100
78) n-propylbenzene	11.305	91	170575	19.923	ug/l	100
79) 2-Chlorotoluene	11.366	91	103259	19.857	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	127180	20.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12001	19.655	ug/l	99
82) 4-Chlorotoluene	11.457	91	119514	19.612	ug/l	99
83) tert-Butylbenzene	11.713	119	127891	20.423	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	127421	20.314	ug/l	99
85) sec-Butylbenzene	11.890	105	152216	20.318	ug/l	100
86) p-Isopropyltoluene	12.012	119	131032	20.644	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	68667	19.879	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	70855	20.028	ug/l	99
89) n-Butylbenzene	12.335	91	107385	19.639	ug/l	99
90) Hexachloroethane	12.536	117	21668	20.779	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	69225	20.601	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9714	21.541	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	41988	20.271	ug/l	98
94) Hexachlorobutadiene	13.725	225	17642	19.305	ug/l	99
95) Naphthalene	13.774	128	140860	21.021	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	42274	20.352	ug/l	100

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

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