

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120522\
 Data File : VX033232.D
 Acq On : 05 Dec 2022 17:46
 Operator : JC/MD
 Sample : VX1205WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1205WBSD02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 06:00:28 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	116775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189432	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53606	46.777	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.560%		
35) Dibromofluoromethane	5.391	113	47654	44.622	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.240%		
50) Toluene-d8	8.647	98	141215	43.675	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.340%#		
62) 4-Bromofluorobenzene	11.079	95	62216	44.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13889	15.568	ug/l	98
3) Chloromethane	1.294	50	15719	16.321	ug/l	97
4) Vinyl Chloride	1.374	62	18725	17.461	ug/l	99
5) Bromomethane	1.617	94	14215	17.876	ug/l	95
6) Chloroethane	1.691	64	16213	18.571	ug/l	93
7) Trichlorofluoromethane	1.892	101	40594	19.504	ug/l	99
8) Diethyl Ether	2.136	74	13820	21.091	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	20700	18.922	ug/l	99
10) Methyl Iodide	2.453	142	19536	15.600	ug/l	99
11) Tert butyl alcohol	3.001	59	17937	99.500	ug/l	97
12) 1,1-Dichloroethene	2.325	96	19186	18.827	ug/l	98
13) Acrolein	2.239	56	20113	97.132	ug/l	99
14) Allyl chloride	2.666	41	31472	19.129	ug/l	98
15) Acrylonitrile	3.068	53	51945	101.875	ug/l	99
16) Acetone	2.392	43	51150	96.309	ug/l	100
17) Carbon Disulfide	2.514	76	47154	16.748	ug/l	99
18) Methyl Acetate	2.709	43	30041	20.434	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	68052	19.255	ug/l	99
20) Methylene Chloride	2.794	84	22119	19.217	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	21498	18.442	ug/l	97
22) Diisopropyl ether	3.757	45	70507	19.681	ug/l #	82
23) Vinyl Acetate	3.721	43	259133	92.409	ug/l	99
24) 1,1-Dichloroethane	3.611	63	39813	19.421	ug/l	99
25) 2-Butanone	4.568	43	73941	100.965	ug/l	98
26) 2,2-Dichloropropane	4.477	77	31205	18.931	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25511	19.262	ug/l	99
28) Bromochloromethane	4.897	49	18598	20.647	ug/l	96
29) Tetrahydrofuran	5.013	42	46078	99.156	ug/l	99
30) Chloroform	5.092	83	45247	19.707	ug/l	97
31) Cyclohexane	5.470	56	33101	17.964	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	40432	19.664	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30817	18.047	ug/l	99
37) Ethyl Acetate	4.714	43	27868	18.706	ug/l	99
38) Carbon Tetrachloride	5.678	117	36501	19.269	ug/l	97
39) Methylcyclohexane	7.385	83	34853	17.888	ug/l	94
40) Benzene	6.043	78	90397	18.881	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	16251	19.386	ug/l	99
42) 1,2-Dichloroethane	6.086	62	36483	18.925	ug/l	99
43) Isopropyl Acetate	6.342	43	47375	19.228	ug/l	99
44) Trichloroethene	7.129	130	25026	18.628	ug/l	95
45) 1,2-Dichloropropane	7.434	63	23804	20.118	ug/l	96
46) Dibromomethane	7.580	93	18113	19.619	ug/l	100
47) Bromodichloromethane	7.824	83	37898	21.244	ug/l	94
48) Methyl methacrylate	7.696	41	23713	18.698	ug/l	96
49) 1,4-Dioxane	7.720	88	10213	437.477	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	158735	104.408	ug/l	100
52) Toluene	8.720	92	61185	19.425	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	35235	19.341	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38161	19.843	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	25747	20.077	ug/l	98
56) Ethyl methacrylate	9.116	69	34218	19.366	ug/l	97
57) 1,3-Dichloropropane	9.311	76	40321	19.476	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	82257	98.037	ug/l	99
59) 2-Hexanone	9.433	43	115465	102.809	ug/l	97
60) Dibromochloromethane	9.525	129	30115	21.812	ug/l	99
61) 1,2-Dibromoethane	9.610	107	26694	19.721	ug/l	100
64) Tetrachloroethene	9.275	164	22622	18.231	ug/l	96
65) Chlorobenzene	10.079	112	68079	19.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	27014	21.094	ug/l	98
67) Ethyl Benzene	10.195	91	120812	19.486	ug/l	100
68) m/p-Xylenes	10.299	106	92654	38.164	ug/l	100
69) o-Xylene	10.640	106	45579	19.403	ug/l	100
70) Styrene	10.659	104	75812	19.727	ug/l	98
71) Bromoform	10.799	173	21900	22.304	ug/l #	99
73) Isopropylbenzene	10.963	105	123569	19.641	ug/l	99
74) N-amyl acetate	10.841	43	40385	18.869	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	38658	20.358	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	34822m	20.884	ug/l	
77) Bromobenzene	11.201	156	29262	18.912	ug/l	97
78) n-propylbenzene	11.305	91	138248	19.219	ug/l	99
79) 2-Chlorotoluene	11.366	91	83564	19.127	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	103177	19.521	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10664	20.788	ug/l	99
82) 4-Chlorotoluene	11.457	91	97094	18.964	ug/l	100
83) tert-Butylbenzene	11.713	119	105499	20.053	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	102883	19.522	ug/l	100
85) sec-Butylbenzene	11.890	105	123342	19.596	ug/l	99
86) p-Isopropyltoluene	12.012	119	104559	19.607	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	55636	19.170	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	57021	19.184	ug/l	100
89) n-Butylbenzene	12.335	91	87014	18.940	ug/l	99
90) Hexachloroethane	12.536	117	19453	22.203	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	56107	19.874	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8272	21.833	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	33186	19.069	ug/l	97
94) Hexachlorobutadiene	13.725	225	13536	17.630	ug/l	99
95) Naphthalene	13.774	128	110550	19.636	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33276	19.067	ug/l	98

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

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