

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026814.D
 Acq On : 08 Feb 2022 12:05
 Operator : JC/MD
 Sample : VX0208WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS01

Quant Time: Feb 09 03:00:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	104943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168208	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63164	50.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.280%			
35) Dibromofluoromethane	5.391	113	51335	51.225	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.440%			
50) Toluene-d8	8.653	98	188744	51.309	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.620%			
62) 4-Bromofluorobenzene	11.079	95	67583	52.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	23089	20.234	ug/l	96
3) Chloromethane	1.295	50	20552	19.360	ug/l	100
4) Vinyl Chloride	1.380	62	22060	19.852	ug/l	99
5) Bromomethane	1.618	94	10055	21.324	ug/l	98
6) Chloroethane	1.691	64	12932	19.434	ug/l	96
7) Trichlorofluoromethane	1.892	101	32944	20.146	ug/l	100
8) Diethyl Ether	2.136	74	11903	19.649	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	22184	20.696	ug/l	97
10) Methyl Iodide	2.459	142	23292	17.214	ug/l	96
11) Tert butyl alcohol	2.983	59	22444	98.622	ug/l	96
12) 1,1-Dichloroethene	2.325	96	21399	19.925	ug/l	91
13) Acrolein	2.239	56	21695	103.157	ug/l	98
14) Allyl chloride	2.666	41	37874	19.908	ug/l	98
15) Acrylonitrile	3.069	53	64166	98.392	ug/l	98
16) Acetone	2.386	43	64337	116.282	ug/l	96
17) Carbon Disulfide	2.514	76	59143	19.453	ug/l	98
18) Methyl Acetate	2.709	43	29146	18.309	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	74179	19.513	ug/l	99
20) Methylene Chloride	2.794	84	23100	19.268	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	23006	20.356	ug/l	94
22) Diisopropyl ether	3.764	45	76333	19.930	ug/l	99
23) Vinyl Acetate	3.727	43	324159	100.662	ug/l	99
24) 1,1-Dichloroethane	3.617	63	41701	20.121	ug/l	99
25) 2-Butanone	4.562	43	92765	104.063	ug/l	99
26) 2,2-Dichloropropane	4.483	77	30822	22.011	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	26256	20.234	ug/l	96
28) Bromochloromethane	4.904	49	17296	20.132	ug/l	96
29) Tetrahydrofuran	5.007	42	60356	99.593	ug/l	100
30) Chloroform	5.099	83	42424	19.701	ug/l	99
31) Cyclohexane	5.477	56	40110	20.039	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	37434	19.717	ug/l	99
36) 1,1-Dichloropropene	5.696	75	32415	20.503	ug/l	98
37) Ethyl Acetate	4.721	43	35181	19.581	ug/l	98
38) Carbon Tetrachloride	5.684	117	33210	20.032	ug/l	96
39) Methylcyclohexane	7.385	83	41085	21.191	ug/l	97
40) Benzene	6.044	78	92608	20.099	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	19277	19.796	ug/l	95
42) 1,2-Dichloroethane	6.092	62	33850	20.848	ug/l	97
43) Isopropyl Acetate	6.342	43	55860	20.207	ug/l	99
44) Trichloroethene	7.129	130	27704	20.025	ug/l	96
45) 1,2-Dichloropropane	7.434	63	23037	19.761	ug/l	95
46) Dibromomethane	7.586	93	16153	20.025	ug/l	97
47) Bromodichloromethane	7.824	83	31940	20.676	ug/l	96
48) Methyl methacrylate	7.696	41	27489	20.069	ug/l	98
49) 1,4-Dioxane	7.684	88	10051	425.828	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	172885	103.202	ug/l	98
52) Toluene	8.720	92	57905	19.849	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	30921	19.341	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	35433	20.772	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	22456	20.333	ug/l	96
56) Ethyl methacrylate	9.116	69	35458	20.255	ug/l	96
57) 1,3-Dichloropropane	9.311	76	38902	20.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	83808	93.271	ug/l	98
59) 2-Hexanone	9.433	43	131313	107.168	ug/l	96
60) Dibromochloromethane	9.525	129	23305	20.509	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23899	20.482	ug/l	99
64) Tetrachloroethene	9.275	164	29191	20.412	ug/l	96
65) Chlorobenzene	10.080	112	60307	20.479	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22501	20.772	ug/l	99
67) Ethyl Benzene	10.195	91	107935	20.709	ug/l	100
68) m/p-Xylenes	10.305	106	82509	41.146	ug/l	99
69) o-Xylene	10.640	106	40679	20.703	ug/l	97
70) Styrene	10.659	104	66270	20.795	ug/l	99
71) Bromoform	10.799	173	15202	19.306	ug/l #	99
73) Isopropylbenzene	10.964	105	107003	20.746	ug/l	99
74) N-amyl acetate	10.842	43	40927	19.859	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	28444	20.322	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	29468m	20.558	ug/l	
77) Bromobenzene	11.201	156	24831	20.254	ug/l	95
78) n-propylbenzene	11.305	91	119196	20.846	ug/l	98
79) 2-Chlorotoluene	11.366	91	70862	20.058	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	89147	21.001	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7956	19.570	ug/l	99
82) 4-Chlorotoluene	11.457	91	82328	20.772	ug/l	99
83) tert-Butylbenzene	11.713	119	82245	20.328	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87649	20.471	ug/l	99
85) sec-Butylbenzene	11.890	105	106055	20.680	ug/l	99
86) p-Isopropyltoluene	12.012	119	90041	20.724	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45191	20.116	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	45867	20.245	ug/l	98
89) n-Butylbenzene	12.335	91	75050	21.113	ug/l	98
90) Hexachloroethane	12.543	117	13243	21.090	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	43885	20.245	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6944	20.174	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	28164	20.588	ug/l	99
94) Hexachlorobutadiene	13.725	225	12091	20.895	ug/l	99
95) Naphthalene	13.780	128	96864	20.214	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	28273	20.411	ug/l	99

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

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