

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028126.D
 Acq On : 15 Apr 2022 12:19
 Operator : JC/MD
 Sample : VX0415WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
 Supervised By :Semsettin Yesilyurt 04/18/2022

Quant Time: Apr 16 02:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	189229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	305666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	114097	44.444	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.880%		
35) Dibromofluoromethane	5.385	113	93756	46.809	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.620%		
50) Toluene-d8	8.647	98	356961	47.785	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.580%		
62) 4-Bromofluorobenzene	11.079	95	120759	43.296	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32335	17.599	ug/l	97
3) Chloromethane	1.288	50	39113	19.235	ug/l	100
4) Vinyl Chloride	1.374	62	47606	19.474	ug/l	100
5) Bromomethane	1.605	94	68777	26.485	ug/l	100
6) Chloroethane	1.685	64	41090	21.976	ug/l	97
7) Trichlorofluoromethane	1.886	101	116133	24.223	ug/l	97
8) Diethyl Ether	2.130	74	39858	21.693	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	35714	18.725	ug/l	96
10) Methyl Iodide	2.453	142	36290	16.338	ug/l	96
11) Tert butyl alcohol	2.965	59	50974	85.539	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32760	17.539	ug/l	94
13) Acrolein	2.233	56	23577	70.296	ug/l	98
14) Allyl chloride	2.666	41	53387	16.150	ug/l #	88
15) Acrylonitrile	3.062	53	112940	91.462	ug/l	99
16) Acetone	2.380	43	95629	89.405	ug/l	95
17) Carbon Disulfide	2.514	76	85786	17.477	ug/l	100
18) Methyl Acetate	2.703	43	50585	17.723	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	128396	18.304	ug/l	98
20) Methylene Chloride	2.788	84	40036	18.792	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	39667	17.729	ug/l	96
22) Diisopropyl ether	3.757	45	121789	17.169	ug/l #	73
23) Vinyl Acetate	3.721	43	571683	90.698	ug/l	96
24) 1,1-Dichloroethane	3.611	63	70186	18.277	ug/l	99
25) 2-Butanone	4.556	43	160461	86.789	ug/l	93
26) 2,2-Dichloropropane	4.477	77	61622	17.285	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	46917	18.602	ug/l	97
28) Bromochloromethane	4.897	49	30640	18.563	ug/l	97
29) Tetrahydrofuran	5.001	42	105171	87.031	ug/l	92
30) Chloroform	5.093	83	77108	18.058	ug/l	96
31) Cyclohexane	5.477	56	62051	17.578	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	68095	17.607	ug/l	99
36) 1,1-Dichloropropene	5.696	75	54931	17.970	ug/l	100
37) Ethyl Acetate	4.715	43	62534	17.560	ug/l	96
38) Carbon Tetrachloride	5.678	117	59278	18.164	ug/l	99
39) Methylcyclohexane	7.379	83	65931	18.245	ug/l	98
40) Benzene	6.038	78	162207	18.248	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31974	16.877	ug/l	93
42) 1,2-Dichloroethane	6.086	62	61534	18.332	ug/l	98
43) Isopropyl Acetate	6.336	43	100714	16.976	ug/l	95
44) Trichloroethene	7.129	130	44986	19.032	ug/l	99
45) 1,2-Dichloropropane	7.428	63	41005	18.305	ug/l	94
46) Dibromomethane	7.580	93	31594	19.117	ug/l	93
47) Bromodichloromethane	7.824	83	58732	18.388	ug/l	97
48) Methyl methacrylate	7.696	41	45737	16.887	ug/l #	84
49) 1,4-Dioxane	7.671	88	22493	372.021	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	332076	87.790	ug/l	91
52) Toluene	8.720	92	108943	18.370	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	63852	17.699	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	67871	18.138	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	44081	18.336	ug/l	98
56) Ethyl methacrylate	9.116	69	65198	17.253	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	73149	18.354	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	152200	89.234	ug/l	98
59) 2-Hexanone	9.433	43	256130	86.458	ug/l	88
60) Dibromochloromethane	9.525	129	44839	17.448	ug/l	96
61) 1,2-Dibromoethane	9.610	107	47664	18.204	ug/l	100
64) Tetrachloroethene	9.275	164	43217	19.370	ug/l	96
65) Chlorobenzene	10.079	112	116638	19.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	42787	18.873	ug/l	99
67) Ethyl Benzene	10.195	91	208519	19.299	ug/l	99
68) m/p-Xylenes	10.305	106	162393	35.993	ug/l	100
69) o-Xylene	10.640	106	77890	17.760	ug/l	99
70) Styrene	10.659	104	130043	18.322	ug/l	99
71) Bromoform	10.799	173	32055	17.780	ug/l #	99
73) Isopropylbenzene	10.963	105	208179	20.785	ug/l	99
74) N-amyl acetate	10.842	43	85065	19.651	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	71764	20.509	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	64293m	20.483	ug/l	
77) Bromobenzene	11.201	156	49831	20.366	ug/l	95
78) n-propylbenzene	11.305	91	240347	20.647	ug/l	99
79) 2-Chlorotoluene	11.366	91	137905	19.535	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	177203	20.481	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18767	16.840	ug/l #	84
82) 4-Chlorotoluene	11.457	91	163716	19.701	ug/l	97
83) tert-Butylbenzene	11.713	119	171455	20.482	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	173253	20.453	ug/l	100
85) sec-Butylbenzene	11.890	105	213814	20.012	ug/l	100
86) p-Isopropyltoluene	12.012	119	181716	20.072	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	95457	20.022	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	97138	19.423	ug/l	99
89) n-Butylbenzene	12.335	91	154362	19.920	ug/l	98
90) Hexachloroethane	12.542	117	29218	19.208	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	94078	19.748	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15283	19.853	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	58724	22.045	ug/l	99
94) Hexachlorobutadiene	13.725	225	23632	21.985	ug/l	94
95) Naphthalene	13.780	128	209656	22.534	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	60018	22.766	ug/l	94

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

