

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051022\
 Data File : VX028586.D
 Acq On : 10 May 2022 11:42
 Operator : JC/MD
 Sample : VX0510WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 06:57:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	312840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	494388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	454572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	239478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216131	52.985	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.980%			
35) Dibromofluoromethane	5.385	113	198211	57.169	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.340%			
50) Toluene-d8	8.647	98	660746	49.619	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.240%			
62) 4-Bromofluorobenzene	11.079	95	258354	50.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	45074	22.320	ug/l	100
3) Chloromethane	1.288	50	44292	20.324	ug/l	99
4) Vinyl Chloride	1.374	62	52306	16.585	ug/l	96
5) Bromomethane	1.605	94	82205	25.195	ug/l	100
6) Chloroethane	1.685	64	40087	15.526	ug/l	99
7) Trichlorofluoromethane	1.886	101	107332	15.433	ug/l	99
8) Diethyl Ether	2.130	74	46198	20.255	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	60229	23.774	ug/l	97
10) Methyl Iodide	2.453	142	73825	24.312	ug/l	97
11) Tert butyl alcohol	2.965	59	88755	107.974	ug/l	96
12) 1,1-Dichloroethene	2.319	96	51586	21.456	ug/l	96
13) Acrolein	2.233	56	40179	80.372	ug/l	100
14) Allyl chloride	2.666	41	76528	18.970	ug/l	92
15) Acrylonitrile	3.062	53	191953	115.475	ug/l	99
16) Acetone	2.380	43	158363	126.420	ug/l	95
17) Carbon Disulfide	2.514	76	89830	13.874	ug/l	99
18) Methyl Acetate	2.703	43	81687	22.523	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	228320	22.773	ug/l	97
20) Methylene Chloride	2.788	84	67535	22.314	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	60600	18.534	ug/l	89
22) Diisopropyl ether	3.757	45	192486	20.948	ug/l #	80
23) Vinyl Acetate	3.721	43	840812	104.741	ug/l	100
24) 1,1-Dichloroethane	3.611	63	112442	20.725	ug/l	98
25) 2-Butanone	4.556	43	258155	106.862	ug/l	100
26) 2,2-Dichloropropane	4.477	77	90399	17.065	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	80112	20.548	ug/l	91
28) Bromochloromethane	4.897	49	45715	19.639	ug/l	89
29) Tetrahydrofuran	5.007	42	158814	100.823	ug/l	99
30) Chloroform	5.093	83	132275	20.301	ug/l	99
31) Cyclohexane	5.477	56	78761	15.848	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	110311	18.696	ug/l	98
36) 1,1-Dichloropropene	5.696	75	80735	17.852	ug/l	96
37) Ethyl Acetate	4.715	43	97190	21.179	ug/l	99
38) Carbon Tetrachloride	5.678	117	93599	18.333	ug/l	96
39) Methylcyclohexane	7.385	83	86926	15.233	ug/l	91
40) Benzene	6.038	78	260621	19.687	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52027	21.975	ug/l	99
42) 1,2-Dichloroethane	6.086	62	99746	20.298	ug/l	99
43) Isopropyl Acetate	6.342	43	155038	20.759	ug/l	98
44) Trichloroethene	7.129	130	77340	20.146	ug/l	92
45) 1,2-Dichloropropane	7.434	63	68718	21.207	ug/l	98
46) Dibromomethane	7.580	93	53614	21.092	ug/l	97
47) Bromodichloromethane	7.824	83	101638	20.804	ug/l	99
48) Methyl methacrylate	7.690	41	71238	20.776	ug/l	94
49) 1,4-Dioxane	7.671	88	39076	425.992	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	520057	108.512	ug/l	97
52) Toluene	8.720	92	174694	18.994	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	98973	19.062	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	110001	19.729	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	81835	21.899	ug/l	98
56) Ethyl methacrylate	9.116	69	116419	21.492	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	127957	21.215	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	261557	102.913	ug/l	93
59) 2-Hexanone	9.433	43	393559	106.010	ug/l	95
60) Dibromochloromethane	9.525	129	84613	20.770	ug/l	96
61) 1,2-Dibromoethane	9.610	107	83205	20.296	ug/l	96
64) Tetrachloroethene	9.275	164	75198	21.179	ug/l	97
65) Chlorobenzene	10.079	112	201487	20.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	80229	22.222	ug/l	99
67) Ethyl Benzene	10.195	91	335531	20.646	ug/l	96
68) m/p-Xylenes	10.305	106	270498	40.896	ug/l	95
69) o-Xylene	10.640	106	136079	20.635	ug/l	97
70) Styrene	10.659	104	228161	21.356	ug/l	99
71) Bromoform	10.799	173	61674	20.764	ug/l #	99
73) Isopropylbenzene	10.963	105	351948	21.382	ug/l	100
74) N-amyl acetate	10.842	43	128512	22.589	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	128894	24.131	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	112683m	23.909	ug/l	
77) Bromobenzene	11.201	156	94261	21.988	ug/l	90
78) n-propylbenzene	11.305	91	384711	21.078	ug/l	98
79) 2-Chlorotoluene	11.366	91	239010	21.063	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	291857	20.888	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	30778	19.406	ug/l #	87
82) 4-Chlorotoluene	11.457	91	275615	21.085	ug/l	95
83) tert-Butylbenzene	11.713	119	299588	20.998	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	294167	21.180	ug/l	97
85) sec-Butylbenzene	11.890	105	349407	20.299	ug/l	98
86) p-Isopropyltoluene	12.012	119	301213	20.284	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	177561	22.044	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	183141	21.654	ug/l	99
89) n-Butylbenzene	12.335	91	242100	19.855	ug/l	97
90) Hexachloroethane	12.536	117	47490	18.943	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	182540	22.812	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26933	22.673	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	113071	23.758	ug/l	100
94) Hexachlorobutadiene	13.725	225	46355	21.827	ug/l	96
95) Naphthalene	13.774	128	403349	25.441	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	116124	24.858	ug/l	97

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

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