

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040622\
 Data File : VX028001.D
 Acq On : 06 Apr 2022 16:55
 Operator : JC/MD
 Sample : VX0406WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 09:00:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	85369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53904	50.609	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.220%			
35) Dibromofluoromethane	5.391	113	44858	49.793	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.580%			
50) Toluene-d8	8.653	98	167505	50.890	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.085	95	66671	51.508	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18499	19.446	ug/l	98
3) Chloromethane	1.294	50	16308	19.939	ug/l	93
4) Vinyl Chloride	1.374	62	16981	19.382	ug/l	99
5) Bromomethane	1.599	94	11380	32.761	ug/l	98
6) Chloroethane	1.684	64	9877	19.702	ug/l	97
7) Trichlorofluoromethane	1.886	101	27365	19.682	ug/l	98
8) Diethyl Ether	2.136	74	9258	19.753	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	16559	19.607	ug/l	96
10) Methyl Iodide	2.453	142	19411	19.584	ug/l	96
11) Tert butyl alcohol	2.959	59	18051	92.638	ug/l	98
12) 1,1-Dichloroethene	2.319	96	15394	19.126	ug/l	96
13) Acrolein	2.233	56	16751	94.936	ug/l	96
14) Allyl chloride	2.666	41	25056	20.525	ug/l	92
15) Acrylonitrile	3.062	53	48456	104.011	ug/l	99
16) Acetone	2.379	43	39706	99.634	ug/l	97
17) Carbon Disulfide	2.514	76	35773	16.574	ug/l	99
18) Methyl Acetate	2.703	43	21679	21.026	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	53817	20.399	ug/l	99
20) Methylene Chloride	2.794	84	18525	20.735	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	16526	18.594	ug/l	94
22) Diisopropyl ether	3.763	45	52920	21.725	ug/l #	88
23) Vinyl Acetate	3.721	43	224691	106.216	ug/l	95
24) 1,1-Dichloroethane	3.617	63	30507	20.611	ug/l	98
25) 2-Butanone	4.556	43	62840	96.527	ug/l	95
26) 2,2-Dichloropropane	4.477	77	21005	18.274	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	19986	19.448	ug/l	94
28) Bromochloromethane	4.897	49	12448	21.192	ug/l	98
29) Tetrahydrofuran	5.007	42	43879	104.452	ug/l	90
30) Chloroform	5.098	83	32917	20.156	ug/l	98
31) Cyclohexane	5.476	56	27395	19.864	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	28563	19.458	ug/l	100
36) 1,1-Dichloropropene	5.696	75	23787	20.083	ug/l	99
37) Ethyl Acetate	4.714	43	23555	19.493	ug/l	99
38) Carbon Tetrachloride	5.678	117	24950	18.954	ug/l	94
39) Methylcyclohexane	7.385	83	28283	19.079	ug/l	92
40) Benzene	6.037	78	69355	20.363	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13842	21.685	ug/l	92
42) 1,2-Dichloroethane	6.086	62	25829	20.876	ug/l	98
43) Isopropyl Acetate	6.342	43	40013	21.321	ug/l	95
44) Trichloroethene	7.129	130	19775	19.456	ug/l	99
45) 1,2-Dichloropropane	7.433	63	17246	21.022	ug/l	98
46) Dibromomethane	7.586	93	13315	19.893	ug/l	97
47) Bromodichloromethane	7.824	83	23984	19.457	ug/l	94
48) Methyl methacrylate	7.696	41	20151	22.383	ug/l	88
49) 1,4-Dioxane	7.659	88	8715	360.949	ug/l #	96
51) 4-Methyl-2-Pentanone	8.573	43	133750	108.785	ug/l	93
52) Toluene	8.720	92	45601	20.126	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	23083	18.526	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	26507	19.417	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	18493	19.889	ug/l	98
56) Ethyl methacrylate	9.116	69	28075	20.651	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	31157	21.103	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	62778	94.578	ug/l	99
59) 2-Hexanone	9.433	43	102356	107.690	ug/l	89
60) Dibromochloromethane	9.525	129	18279	18.199	ug/l	95
61) 1,2-Dibromoethane	9.610	107	19447	19.779	ug/l	98
64) Tetrachloroethene	9.275	164	19211	20.161	ug/l	97
65) Chlorobenzene	10.079	112	49785	19.650	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	17553	18.846	ug/l	97
67) Ethyl Benzene	10.195	91	88992	20.336	ug/l	98
68) m/p-Xylenes	10.305	106	68916	40.072	ug/l	95
69) o-Xylene	10.646	106	34035	20.451	ug/l	95
70) Styrene	10.658	104	56570	20.368	ug/l	97
71) Bromoform	10.805	173	12871	16.992	ug/l #	99
73) Isopropylbenzene	10.963	105	90422	20.869	ug/l	100
74) N-amyl acetate	10.847	43	33054	21.886	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	28867	20.245	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	25881m	20.310	ug/l	
77) Bromobenzene	11.201	156	21932	19.316	ug/l	97
78) n-propylbenzene	11.305	91	101420	20.522	ug/l	99
79) 2-Chlorotoluene	11.366	91	63259	20.364	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	78304	21.028	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	6588	16.298	ug/l #	76
82) 4-Chlorotoluene	11.457	91	73050	20.586	ug/l	99
83) tert-Butylbenzene	11.719	119	72887	19.448	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	77224	20.480	ug/l	97
85) sec-Butylbenzene	11.890	105	89816	19.598	ug/l	100
86) p-Isopropyltoluene	12.012	119	77041	19.781	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	40891	19.291	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	40744	19.060	ug/l	97
89) n-Butylbenzene	12.335	91	64125	19.451	ug/l	96
90) Hexachloroethane	12.542	117	10277	16.568	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	41633	20.182	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6350	19.008	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	24345	18.218	ug/l	98
94) Hexachlorobutadiene	13.725	225	11095	17.372	ug/l	94
95) Naphthalene	13.780	128	87549	20.130	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24812	19.002	ug/l	96

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

