

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042622\
 Data File : VX028343.D
 Acq On : 26 Apr 2022 12:36
 Operator : JC/MD
 Sample : VX0426WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0426WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/27/2022
 Supervised By : Mahesh Dadoda 04/27/2022

Quant Time: Apr 26 17:43:44 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	321574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	513328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	479542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201355	48.022	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.040%		
35) Dibromofluoromethane	5.385	113	178505	49.586	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.180%		
50) Toluene-d8	8.653	98	658733	47.642	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.280%		
62) 4-Bromofluorobenzene	11.079	95	248096	46.928	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53767	25.901	ug/l	97
3) Chloromethane	1.294	50	49981	22.559	ug/l	99
4) Vinyl Chloride	1.374	62	61552	18.987	ug/l	100
5) Bromomethane	1.599	94	62164	15.948	ug/l	98
6) Chloroethane	1.685	64	45163	17.348	ug/l	98
7) Trichlorofluoromethane	1.886	101	117485	16.434	ug/l	96
8) Diethyl Ether	2.130	74	41923	17.492	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	59285	22.766	ug/l	99
10) Methyl Iodide	2.453	142	61697	20.745	ug/l	96
11) Tert butyl alcohol	2.959	59	77668	90.382	ug/l	98
12) 1,1-Dichloroethene	2.319	96	53386	21.602	ug/l	99
13) Acrolein	2.233	56	52773	102.697	ug/l	99
14) Allyl chloride	2.666	41	74955	18.075	ug/l	90
15) Acrylonitrile	3.062	53	166303	97.327	ug/l	99
16) Acetone	2.380	43	142000	110.099	ug/l	95
17) Carbon Disulfide	2.514	76	111208	16.710	ug/l	99
18) Methyl Acetate	2.703	43	73038	19.592	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	194170	18.841	ug/l	97
20) Methylene Chloride	2.788	84	62760	20.173	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	61544	18.311	ug/l	92
22) Diisopropyl ether	3.763	45	168930	17.885	ug/l #	89
23) Vinyl Acetate	3.721	43	736247	89.224	ug/l	100
24) 1,1-Dichloroethane	3.611	63	105315	18.884	ug/l	99
25) 2-Butanone	4.556	43	227089	91.449	ug/l	98
26) 2,2-Dichloropropane	4.477	77	87647	16.096	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	73590	18.363	ug/l	93
28) Bromochloromethane	4.897	49	50331	21.035	ug/l	91
29) Tetrahydrofuran	5.001	42	145702	89.986	ug/l	99
30) Chloroform	5.093	83	122331	18.265	ug/l	98
31) Cyclohexane	5.471	56	86934	17.018	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	106048	17.486	ug/l	99
36) 1,1-Dichloropropene	5.696	75	84367	17.967	ug/l	99
37) Ethyl Acetate	4.708	43	86325	18.117	ug/l	99
38) Carbon Tetrachloride	5.678	117	92156	17.385	ug/l	99
39) Methylcyclohexane	7.385	83	102421	17.286	ug/l	95
40) Benzene	6.037	78	250523	18.226	ug/l	98

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41) Methacrylonitrile	4.922	41	45277	18.418	ug/l	98
42) 1,2-Dichloroethane	6.092	62	92222	18.074	ug/l	100
43) Isopropyl Acetate	6.342	43	131480	16.955	ug/l	97
44) Trichloroethene	7.129	130	75122	18.846	ug/l	99
45) 1,2-Dichloropropane	7.434	63	62143	18.470	ug/l	95
46) Dibromomethane	7.586	93	48829	18.501	ug/l	98
47) Bromodichloromethane	7.824	83	87436	17.237	ug/l	95
48) Methyl methacrylate	7.696	41	62637	17.593	ug/l	91
49) 1,4-Dioxane	7.659	88	36242	380.519	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	453748	91.183	ug/l	96
52) Toluene	8.720	92	169534	17.753	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	87699	16.267	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	98395	16.996	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	72315	18.638	ug/l	99
56) Ethyl methacrylate	9.116	69	99971	17.775	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	113826	18.176	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	267775	101.472	ug/l	95
59) 2-Hexanone	9.433	43	349214	90.595	ug/l	95
60) Dibromochloromethane	9.525	129	71061	16.800	ug/l	96
61) 1,2-Dibromoethane	9.610	107	75899	17.831	ug/l	99
64) Tetrachloroethene	9.275	164	73536	19.632	ug/l	98
65) Chlorobenzene	10.079	112	194581	19.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	70984	18.637	ug/l	99
67) Ethyl Benzene	10.195	91	330335	19.268	ug/l	99
68) m/p-Xylenes	10.305	106	264926	37.968	ug/l	97
69) o-Xylene	10.646	106	130666	18.783	ug/l	96
70) Styrene	10.659	104	216432	19.204	ug/l	99
71) Bromoform	10.799	173	51158	17.090	ug/l #	99
73) Isopropylbenzene	10.963	105	341488	19.159	ug/l	99
74) N-amyl acetate	10.848	43	111607	18.116	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	112978	19.533	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100854m	19.761	ug/l	
77) Bromobenzene	11.201	156	88209	19.002	ug/l	89
78) n-propylbenzene	11.305	91	386327	19.546	ug/l	98
79) 2-Chlorotoluene	11.366	91	233619	19.012	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	291702	19.279	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	25652	14.937	ug/l #	81
82) 4-Chlorotoluene	11.457	91	271785	19.201	ug/l	97
83) tert-Butylbenzene	11.713	119	292476	18.931	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	290527	19.317	ug/l	97
85) sec-Butylbenzene	11.890	105	356990	19.152	ug/l	98
86) p-Isopropyltoluene	12.012	119	305331	18.988	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	168986	19.374	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	171499	18.726	ug/l	99
89) n-Butylbenzene	12.335	91	244929	18.550	ug/l	98
90) Hexachloroethane	12.542	117	45004	16.804	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	169610	19.574	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22406	17.419	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	102139	19.819	ug/l	99
94) Hexachlorobutadiene	13.725	225	42746	18.588	ug/l	95
95) Naphthalene	13.774	128	344614	20.073	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	101039	19.973	ug/l	95

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

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