

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028443.D
 Acq On : 29 Apr 2022 23:34
 Operator : JC/MD
 Sample : VX0429WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBS04

Quant Time: Apr 30 09:20:15 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	312802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	192204	47.125	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.260%		
35) Dibromofluoromethane	5.385	113	170204	47.678	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.360%		
50) Toluene-d8	8.653	98	624869	45.574	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.140%		
62) 4-Bromofluorobenzene	11.079	95	236293	45.072	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	49518	24.523	ug/l	99
3) Chloromethane	1.288	50	50291	23.423	ug/l	97
4) Vinyl Chloride	1.374	62	60819	19.287	ug/l	97
5) Bromomethane	1.599	94	83530	25.763	ug/l	99
6) Chloroethane	1.685	64	42178	16.519	ug/l	94
7) Trichlorofluoromethane	1.886	101	109451	15.740	ug/l	97
8) Diethyl Ether	2.136	74	40771	17.488	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	55923	22.077	ug/l	98
10) Methyl Iodide	2.453	142	65860	22.256	ug/l	96
11) Tert butyl alcohol	2.965	59	87081	105.757	ug/l	97
12) 1,1-Dichloroethene	2.319	96	50806	21.134	ug/l	98
13) Acrolein	2.233	56	41185	82.395	ug/l	98
14) Allyl chloride	2.666	41	74016	18.349	ug/l	93
15) Acrylonitrile	3.063	53	171031	102.901	ug/l	100
16) Acetone	2.380	43	147561	117.715	ug/l	98
17) Carbon Disulfide	2.514	76	96108	14.846	ug/l	97
18) Methyl Acetate	2.703	43	74025	20.413	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	192439	19.197	ug/l	95
20) Methylene Chloride	2.788	84	61336	20.268	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	57899	17.710	ug/l	96
22) Diisopropyl ether	3.764	45	171920	18.712	ug/l #	89
23) Vinyl Acetate	3.721	43	737021	91.822	ug/l	100
24) 1,1-Dichloroethane	3.611	63	104683	19.297	ug/l	98
25) 2-Butanone	4.562	43	240238	99.457	ug/l	99
26) 2,2-Dichloropropane	4.483	77	75172	14.192	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	72481	18.593	ug/l	92
28) Bromochloromethane	4.898	49	48686	20.918	ug/l	89
29) Tetrahydrofuran	5.007	42	149537	94.945	ug/l	100
30) Chloroform	5.099	83	118220	18.146	ug/l	96
31) Cyclohexane	5.477	56	82536	16.610	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	103463	17.538	ug/l	98
36) 1,1-Dichloropropene	5.696	75	81170	17.431	ug/l	99
37) Ethyl Acetate	4.715	43	87614	18.543	ug/l	100
38) Carbon Tetrachloride	5.684	117	87158	16.580	ug/l	95
39) Methylcyclohexane	7.385	83	88101	14.995	ug/l	99
40) Benzene	6.038	78	245571	18.016	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	46151	18.932	ug/l	97
42) 1,2-Dichloroethane	6.092	62	89033	17.596	ug/l	99
43) Isopropyl Acetate	6.342	43	134203	17.452	ug/l	98
44) Trichloroethene	7.129	130	70855	17.926	ug/l	99
45) 1,2-Dichloropropane	7.434	63	61112	18.317	ug/l	95
46) Dibromomethane	7.586	93	48076	18.369	ug/l	97
47) Bromodichloromethane	7.824	83	85511	16.999	ug/l	99
48) Methyl methacrylate	7.696	41	64471	18.261	ug/l	90
49) 1,4-Dioxane	7.665	88	37834	400.582	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	472189	95.688	ug/l	97
52) Toluene	8.720	92	166215	17.552	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	83728	15.662	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94129	16.396	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	73283	19.046	ug/l	99
56) Ethyl methacrylate	9.116	69	102306	18.343	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	113881	18.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	245366	93.764	ug/l	95
59) 2-Hexanone	9.433	43	369795	96.743	ug/l	94
60) Dibromochloromethane	9.525	129	68132	16.243	ug/l	96
61) 1,2-Dibromoethane	9.610	107	75293	17.837	ug/l	98
64) Tetrachloroethene	9.275	164	68452	17.950	ug/l	97
65) Chlorobenzene	10.080	112	192920	18.533	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	68121	17.568	ug/l	99
67) Ethyl Benzene	10.195	91	321311	18.408	ug/l	97
68) m/p-Xylenes	10.305	106	261035	36.745	ug/l	96
69) o-Xylene	10.647	106	127950	18.065	ug/l	99
70) Styrene	10.659	104	214097	18.659	ug/l	99
71) Bromoform	10.799	173	49265	16.359	ug/l #	99
73) Isopropylbenzene	10.964	105	331263	18.902	ug/l	99
74) N-amyl acetate	10.848	43	114367	18.881	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.214	83	114625	20.155	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98888m	19.706	ug/l	
77) Bromobenzene	11.201	156	84937	18.609	ug/l	92
78) n-propylbenzene	11.305	91	367171	18.894	ug/l	97
79) 2-Chlorotoluene	11.366	91	227382	18.820	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	276211	18.567	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	24488	14.502	ug/l #	80
82) 4-Chlorotoluene	11.457	91	258202	18.553	ug/l	96
83) tert-Butylbenzene	11.720	119	278397	18.327	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	281016	19.003	ug/l	100
85) sec-Butylbenzene	11.890	105	329377	17.972	ug/l	97
86) p-Isopropyltoluene	12.012	119	282064	17.840	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162597	18.959	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	166075	18.443	ug/l	99
89) n-Butylbenzene	12.335	91	218833	16.856	ug/l	98
90) Hexachloroethane	12.543	117	42607	16.247	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	164591	19.319	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23484	18.568	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	96368	19.018	ug/l	100
94) Hexachlorobutadiene	13.725	225	39086	17.286	ug/l	93
95) Naphthalene	13.780	128	348197	20.628	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97248	19.552	ug/l	96

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

