

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028425.D
 Acq On : 29 Apr 2022 15:48
 Operator : JC/MD
 Sample : VX0429WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBS03

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 09:15:10 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	299975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	479106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	238638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198558	50.765	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.520%			
35) Dibromofluoromethane	5.391	113	177301	52.769	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.540%			
50) Toluene-d8	8.653	98	657132	50.921	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.840%			
62) 4-Bromofluorobenzene	11.079	95	244453	49.542	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.080%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	51344	26.515	ug/l	99
3) Chloromethane	1.288	50	50234	24.502	ug/l	99
4) Vinyl Chloride	1.374	62	60567	20.028	ug/l	100
5) Bromomethane	1.605	94	90768	30.496	ug/l	98
6) Chloroethane	1.685	64	42774	17.667	ug/l	98
7) Trichlorofluoromethane	1.886	101	114240	17.131	ug/l	99
8) Diethyl Ether	2.136	74	43073	19.603	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	58253	23.981	ug/l	98
10) Methyl Iodide	2.453	142	69839	24.056	ug/l	96
11) Tert butyl alcohol	2.971	59	76060	95.399	ug/l	97
12) 1,1-Dichloroethene	2.319	96	52089	22.595	ug/l	98
13) Acrolein	2.233	56	49649	103.575	ug/l	99
14) Allyl chloride	2.666	41	73768	19.070	ug/l	91
15) Acrylonitrile	3.062	53	168965	106.005	ug/l	99
16) Acetone	2.380	43	148402	123.517	ug/l	94
17) Carbon Disulfide	2.514	76	100024	16.111	ug/l	100
18) Methyl Acetate	2.703	43	74669	21.471	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	198231	20.620	ug/l	96
20) Methylene Chloride	2.788	84	64114	22.092	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	59775	19.065	ug/l	96
22) Diisopropyl ether	3.763	45	175478	19.916	ug/l	90
23) Vinyl Acetate	3.721	43	758913	98.593	ug/l	99
24) 1,1-Dichloroethane	3.611	63	105238	20.229	ug/l	99
25) 2-Butanone	4.556	43	231676	100.014	ug/l	99
26) 2,2-Dichloropropane	4.477	77	86983	17.124	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	73752	19.728	ug/l	94
28) Bromochloromethane	4.903	49	41904	18.774	ug/l	90
29) Tetrahydrofuran	5.007	42	145985	96.653	ug/l	99
30) Chloroform	5.092	83	121555	19.456	ug/l	100
31) Cyclohexane	5.470	56	86103	18.069	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	107733	19.043	ug/l	98
36) 1,1-Dichloropropene	5.696	75	82141	18.742	ug/l	97
37) Ethyl Acetate	4.714	43	87734	19.728	ug/l	99
38) Carbon Tetrachloride	5.684	117	90488	18.289	ug/l	100
39) Methylcyclohexane	7.385	83	92786	16.779	ug/l	96
40) Benzene	6.037	78	252174	19.656	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47055	20.509	ug/l	98
42) 1,2-Dichloroethane	6.092	62	92028	19.324	ug/l	100
43) Isopropyl Acetate	6.342	43	136575	18.870	ug/l	97
44) Trichloroethene	7.129	130	73276	19.696	ug/l	96
45) 1,2-Dichloropropane	7.433	63	62041	19.757	ug/l	98
46) Dibromomethane	7.586	93	48442	19.665	ug/l	97
47) Bromodichloromethane	7.824	83	87855	18.556	ug/l	100
48) Methyl methacrylate	7.696	41	65726	19.780	ug/l	91
49) 1,4-Dioxane	7.665	88	33979	382.242	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	466969	100.543	ug/l	97
52) Toluene	8.720	92	171385	19.229	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	88293	17.547	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	98539	18.237	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	73711	20.354	ug/l	99
56) Ethyl methacrylate	9.116	69	103501	19.717	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	116435	19.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	237184	96.299	ug/l	94
59) 2-Hexanone	9.433	43	360740	100.270	ug/l	95
60) Dibromochloromethane	9.525	129	71412	18.089	ug/l	95
61) 1,2-Dibromoethane	9.610	107	76791	19.329	ug/l	99
64) Tetrachloroethene	9.275	164	69404	19.411	ug/l	97
65) Chlorobenzene	10.079	112	195747	20.057	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	71316	19.616	ug/l	99
67) Ethyl Benzene	10.195	91	331018	20.227	ug/l	96
68) m/p-Xylenes	10.305	106	263631	39.581	ug/l	98
69) o-Xylene	10.646	106	131768	19.843	ug/l	97
70) Styrene	10.659	104	216905	20.162	ug/l	99
71) Bromoform	10.799	173	50273	17.489	ug/l #	99
73) Isopropylbenzene	10.963	105	342307	20.869	ug/l	99
74) N-amyl acetate	10.847	43	113546	20.028	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	115882	21.771	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	99471m	21.180	ug/l	
77) Bromobenzene	11.201	156	86357	20.216	ug/l	95
78) n-propylbenzene	11.305	91	380365	20.913	ug/l	97
79) 2-Chlorotoluene	11.366	91	232587	20.569	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	283708	20.377	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	26334	16.663	ug/l #	83
82) 4-Chlorotoluene	11.457	91	266249	20.441	ug/l	95
83) tert-Butylbenzene	11.719	119	287174	20.199	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	287022	20.738	ug/l	97
85) sec-Butylbenzene	11.890	105	340129	19.830	ug/l	97
86) p-Isopropyltoluene	12.012	119	293086	19.806	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	165096	20.568	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	172434	20.460	ug/l	99
89) n-Butylbenzene	12.335	91	231428	19.047	ug/l	98
90) Hexachloroethane	12.542	117	42986	17.373	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	169526	21.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23691	20.014	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	100682	21.230	ug/l	100
94) Hexachlorobutadiene	13.725	225	42533	20.098	ug/l	92
95) Naphthalene	13.780	128	359852	22.777	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102263	21.968	ug/l	96

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

