

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029353.D
 Acq On : 09 Jun 2022 18:22
 Operator : JC/MD
 Sample : VX0609WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 10 08:10:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	155014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256171	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137961	58.774	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.540%			
35) Dibromofluoromethane	5.391	113	117971	54.169	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.340%			
50) Toluene-d8	8.653	98	386173	50.137	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.280%			
62) 4-Bromofluorobenzene	11.085	95	161293	53.511	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44504	18.085	ug/l	99
3) Chloromethane	1.288	50	46254	17.612	ug/l	98
4) Vinyl Chloride	1.374	62	47410	17.394	ug/l	97
5) Bromomethane	1.612	94	27949	19.144	ug/l	99
6) Chloroethane	1.685	64	32762	26.071	ug/l	100
7) Trichlorofluoromethane	1.886	101	74954	18.870	ug/l	100
8) Diethyl Ether	2.136	74	35031	22.627	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	47033	19.646	ug/l	98
10) Methyl Iodide	2.453	142	57165	20.107	ug/l	96
11) Tert butyl alcohol	2.971	59	105791	149.503	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	44506	19.099	ug/l	95
13) Acrolein	2.239	56	27500	96.065	ug/l	98
14) Allyl chloride	2.666	41	72875	19.482	ug/l	93
15) Acrylonitrile	3.069	53	175078	118.711	ug/l	99
16) Acetone	2.386	43	139891	111.555	ug/l	99
17) Carbon Disulfide	2.514	76	90362	15.754	ug/l	99
18) Methyl Acetate	2.709	43	77124	23.214	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	198253	24.646	ug/l	98
20) Methylene Chloride	2.788	84	59813	21.358	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	51727	19.778	ug/l	94
22) Diisopropyl ether	3.764	45	171908	22.767	ug/l #	86
23) Vinyl Acetate	3.727	43	749974	119.811	ug/l	98
24) 1,1-Dichloroethane	3.611	63	93324	20.492	ug/l	98
25) 2-Butanone	4.562	43	237343	119.648	ug/l	97
26) 2,2-Dichloropropane	4.483	77	61327	18.888	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	64144	20.734	ug/l	95
28) Bromochloromethane	4.898	49	41005	22.904	ug/l	95
29) Tetrahydrofuran	5.013	42	158578	122.662	ug/l	96
30) Chloroform	5.099	83	104666	21.298	ug/l	99
31) Cyclohexane	5.477	56	83229	19.806	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	82980	19.598	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69239	19.246	ug/l	98
37) Ethyl Acetate	4.721	43	92313	24.858	ug/l	99
38) Carbon Tetrachloride	5.678	117	67451	18.344	ug/l	94
39) Methylcyclohexane	7.385	83	91885	20.736	ug/l	95
40) Benzene	6.044	78	223638	20.881	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	50319	24.399	ug/l	94
42) 1,2-Dichloroethane	6.092	62	83978	22.573	ug/l	98
43) Isopropyl Acetate	6.342	43	138063	24.747	ug/l	98
44) Trichloroethene	7.129	130	58075	19.917	ug/l	90
45) 1,2-Dichloropropane	7.434	63	57913	21.994	ug/l	97
46) Dibromomethane	7.586	93	43188	22.641	ug/l	95
47) Bromodichloromethane	7.824	83	72285	20.078	ug/l	99
48) Methyl methacrylate	7.696	41	68483	24.406	ug/l	93
49) 1,4-Dioxane	7.678	88	34981	484.646	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	467807	128.125	ug/l	97
52) Toluene	8.720	92	145167	21.115	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	78063	20.733	ug/l	98
54) cis-1,3-Dichloropropene	8.373	75	88570	21.913	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	65072	23.399	ug/l	98
56) Ethyl methacrylate	9.122	69	102155	25.249	ug/l	95
57) 1,3-Dichloropropane	9.311	76	108496	23.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	256133	130.313	ug/l	96
59) 2-Hexanone	9.433	43	356468	128.409	ug/l	95
60) Dibromochloromethane	9.525	129	56299	20.925	ug/l	97
61) 1,2-Dibromoethane	9.610	107	68780	23.188	ug/l	98
64) Tetrachloroethene	9.275	164	53962	20.776	ug/l	97
65) Chlorobenzene	10.080	112	154141	20.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	55770	21.223	ug/l	98
67) Ethyl Benzene	10.195	91	277507	20.915	ug/l	100
68) m/p-Xylenes	10.305	106	214278	41.742	ug/l	98
69) o-Xylene	10.646	106	107167	21.484	ug/l	97
70) Styrene	10.659	104	180427	21.672	ug/l	98
71) Bromoform	10.805	173	37822	20.265	ug/l #	99
73) Isopropylbenzene	10.964	105	274487	21.037	ug/l	99
74) N-amyl acetate	10.848	43	107633	24.367	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	103377	23.476	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	88584m	22.883	ug/l	
77) Bromobenzene	11.201	156	66722	21.778	ug/l	95
78) n-propylbenzene	11.305	91	309331	20.892	ug/l	99
79) 2-Chlorotoluene	11.366	91	194965	21.383	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237219	21.411	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21941	19.052	ug/l #	78
82) 4-Chlorotoluene	11.457	91	222644	21.155	ug/l	99
83) tert-Butylbenzene	11.719	119	229288	21.329	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	239043	21.859	ug/l	98
85) sec-Butylbenzene	11.890	105	282726	21.418	ug/l	99
86) p-Isopropyltoluene	12.012	119	239897	21.678	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	120214	20.560	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	122803	20.651	ug/l	97
89) n-Butylbenzene	12.335	91	200606	21.501	ug/l	99
90) Hexachloroethane	12.542	117	30633	17.411	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	124626	21.497	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21557	23.537	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	78844	23.041	ug/l	97
94) Hexachlorobutadiene	13.725	225	29098	20.454	ug/l	94
95) Naphthalene	13.774	128	319282	26.437	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	79838	23.399	ug/l	93

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

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