

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022943.D
 Acq On : 26 Jun 2021 00:16
 Operator : JC/MD
 Sample : VX0625WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/28/2021 12:01:39 PM

Quant Time: Jun 26 03:58:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	60700	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	123752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	113891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	56660	51.435	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.880%			
35) Dibromofluoromethane	5.397	113	39361	50.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	8.653	98	156704	50.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.760%			
62) 4-Bromofluorobenzene	11.085	95	56772	49.390	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	16086	18.783	ug/l	96
3) Chloromethane	1.294	50	16730	17.790	ug/l	97
4) Vinyl Chloride	1.374	62	16323	18.810	ug/l	99
5) Bromomethane	1.605	94	10350	21.650	ug/l	98
6) Chloroethane	1.691	64	10047	18.734	ug/l	95
7) Trichlorofluoromethane	1.892	101	24348	19.314	ug/l	99
8) Diethyl Ether	2.142	74	9614	19.758	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	14991	18.993	ug/l	87
10) Methyl Iodide	2.459	142	10044	13.641	ug/l	92
11) Tert butyl alcohol	2.977	59	21477	93.547	ug/l	96
12) 1,1-Dichloroethene	2.319	96	15131	19.215	ug/l	89
13) Acrolein	2.239	56	15721	110.099	ug/l	99
14) Allyl chloride	2.666	41	26612	17.788	ug/l	91
15) Acrylonitrile	3.075	53	53733	102.382	ug/l	99
16) Acetone	2.386	43	51227	104.896	ug/l #	88
17) Carbon Disulfide	2.514	76	33071	17.845	ug/l	99
18) Methyl Acetate	2.715	43	24088	20.042	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	55269	19.572	ug/l	98
20) Methylene Chloride	2.794	84	18158	18.980	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	16624	19.029	ug/l	97
22) Diisopropyl ether	3.776	45	62053	19.940	ug/l #	88
23) Vinyl Acetate	3.733	43	257686	98.709	ug/l	95
24) 1,1-Dichloroethane	3.617	63	32482	19.537	ug/l	97
25) 2-Butanone	4.568	43	76295	100.464	ug/l	93
26) 2,2-Dichloropropane	4.489	77	15701	12.445	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	18876	19.468	ug/l	99
28) Bromochloromethane	4.910	49	14619	18.664	ug/l	82
29) Tetrahydrofuran	5.013	42	50015	102.389	ug/l	86
30) Chloroform	5.105	83	32950	19.703	ug/l	96
31) Cyclohexane	5.477	56	28604	18.392	ug/l #	91
32) 1,1,1-Trichloroethane	5.391	97	26012	19.360	ug/l	96
36) 1,1-Dichloropropene	5.702	75	23900	18.182	ug/l	97
37) Ethyl Acetate	4.727	43	30418	19.978	ug/l	94
38) Carbon Tetrachloride	5.684	117	20634	18.716	ug/l	95
39) Methylcyclohexane	7.385	83	26873	17.526	ug/l	92
40) Benzene	6.050	78	71765	18.934	ug/l	96

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41) Methacrylonitrile	4.934	41	15793	18.828	ug/l	95
42) 1,2-Dichloroethane	6.098	62	27848	19.970	ug/l	94
43) Isopropyl Acetate	6.354	43	46780	19.110	ug/l #	92
44) Trichloroethene	7.135	130	16640	18.512	ug/l	98
45) 1,2-Dichloropropane	7.434	63	18822	19.253	ug/l	91
46) Dibromomethane	7.586	93	12438	19.177	ug/l #	80
47) Bromodichloromethane	7.830	83	21644	18.393	ug/l	95
48) Methyl methacrylate	7.702	41	21805	19.246	ug/l #	83
49) 1,4-Dioxane	7.665	88	9730	398.965	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	152617	100.174	ug/l	89
52) Toluene	8.726	92	42351	18.484	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	22512	17.042	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	24914	16.795	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	17931	19.505	ug/l	98
56) Ethyl methacrylate	9.122	69	28799	18.671	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	31920	19.102	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	74855	92.107	ug/l	94
59) 2-Hexanone	9.433	43	117357	101.536	ug/l	88
60) Dibromochloromethane	9.525	129	13666	17.719	ug/l	99
61) 1,2-Dibromoethane	9.616	107	17603	18.854	ug/l	98
64) Tetrachloroethene	9.275	164	14816	18.512	ug/l #	87
65) Chlorobenzene	10.086	112	44467	18.540	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	14600	18.836	ug/l	99
67) Ethyl Benzene	10.195	91	83475	18.900	ug/l	97
68) m/p-Xylenes	10.305	106	62277	37.970	ug/l	97
69) o-Xylene	10.646	106	29400	18.417	ug/l	93
70) Styrene	10.659	104	49135	18.544	ug/l	95
71) Bromoform	10.805	173	7680	17.146	ug/l #	97
73) Isopropylbenzene	10.963	105	77108	18.120	ug/l	99
74) N-amyl acetate	10.848	43	38384	17.379	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	26804	18.339	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	24937m	18.772	ug/l	
77) Bromobenzene	11.201	156	16563	18.718	ug/l	84
78) n-propylbenzene	11.305	91	96739	18.788	ug/l	95
79) 2-Chlorotoluene	11.366	91	57052	18.352	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	66147	18.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	5757	16.694	ug/l #	77
82) 4-Chlorotoluene	11.457	91	64895	18.063	ug/l	96
83) tert-Butylbenzene	11.719	119	58608	17.761	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	65187	18.536	ug/l	99
85) sec-Butylbenzene	11.896	105	84007	18.877	ug/l	96
86) p-Isopropyltoluene	12.012	119	63898	18.070	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	31926	18.701	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	31648	17.729	ug/l	94
89) n-Butylbenzene	12.335	91	60575	18.016	ug/l	97
90) Hexachloroethane	12.542	117	9466	17.109	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	30742	18.450	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5173	17.768	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	17236	18.651	ug/l	95
94) Hexachlorobutadiene	13.731	225	6873	18.980	ug/l	98
95) Naphthalene	13.780	128	71588	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	18376	19.741	ug/l	98

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

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