

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022505.D
 Acq On : 07 Jun 2021 02:45
 Operator : JC/MD
 Sample : VX0606WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 4:56:58 PM

Quant Time: Jun 07 04:31:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	63083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56981	58.556	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	117.120%#
35) Dibromofluoromethane	5.397	113	41744	49.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	8.653	98	153086	47.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.520%
62) 4-Bromofluorobenzene	11.085	95	57877	48.343	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	14704	19.173	ug/l	95
3) Chloromethane	1.295	50	18525	22.394	ug/l	96
4) Vinyl Chloride	1.374	62	17682	20.200	ug/l	97
5) Bromomethane	1.599	94	10078	19.748	ug/l	98
6) Chloroethane	1.685	64	11698	22.444	ug/l	99
7) Trichlorofluoromethane	1.886	101	24970	19.840	ug/l	93
8) Diethyl Ether	2.136	74	11574	21.383	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	14579	19.507	ug/l	89
10) Methyl Iodide	2.453	142	18391	22.898	ug/l	96
11) Tert butyl alcohol	2.977	59	29099	130.742	ug/l	98
12) 1,1-Dichloroethene	2.319	96	15271	21.122	ug/l	95
13) Acrolein	2.240	56	8359	56.627	ug/l	96
14) Allyl chloride	2.666	41	27021	20.348	ug/l	94
15) Acrylonitrile	3.075	53	58086	132.565	ug/l	99
16) Acetone	2.386	43	56897	134.281	ug/l	94
17) Carbon Disulfide	2.514	76	33262	17.565	ug/l	98
18) Methyl Acetate	2.709	43	31414	27.877	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	57840	23.354	ug/l	99
20) Methylene Chloride	2.794	84	21243	22.580	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	17401	22.127	ug/l	96
22) Diisopropyl ether	3.770	45	61821	24.171	ug/l	96
23) Vinyl Acetate	3.733	43	283634	115.178	ug/l	95
24) 1,1-Dichloroethane	3.611	63	34484	22.975	ug/l	98
25) 2-Butanone	4.568	43	91072	132.857	ug/l	92
26) 2,2-Dichloropropane	4.495	77	7781	5.840	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	21583	22.567	ug/l	93
28) Bromochloromethane	4.904	49	15165	20.827	ug/l #	78
29) Tetrahydrofuran	5.019	42	54062	132.507	ug/l	88
30) Chloroform	5.105	83	35701	23.021	ug/l	98
31) Cyclohexane	5.477	56	25812	21.108	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	27076	20.432	ug/l	96
36) 1,1-Dichloropropene	5.696	75	24751	20.187	ug/l	97
37) Ethyl Acetate	4.727	43	34610	23.028	ug/l #	85
38) Carbon Tetrachloride	5.684	117	20705	17.263	ug/l	99
39) Methylcyclohexane	7.385	83	23696	17.041	ug/l	94
40) Benzene	6.050	78	78956	20.930	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	19137	23.800	ug/l	92
42) 1,2-Dichloroethane	6.099	62	29987	22.689	ug/l	98
43) Isopropyl Acetate	6.349	43	55068	22.400	ug/l	95
44) Trichloroethene	7.129	130	17645	18.823	ug/l	94
45) 1,2-Dichloropropane	7.434	63	21004	21.826	ug/l	100
46) Dibromomethane	7.586	93	14267	21.853	ug/l #	81
47) Bromodichloromethane	7.830	83	24879	19.043	ug/l	99
48) Methyl methacrylate	7.702	41	25581	22.579	ug/l	91
49) 1,4-Dioxane	7.665	88	11101	503.250	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	180679	122.693	ug/l	91
52) Toluene	8.720	92	47080	19.707	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	22678	15.038	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	25964	16.014	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	20425	21.060	ug/l	99
56) Ethyl methacrylate	9.122	69	34380	21.934	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	35514	21.448	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	78880	93.046	ug/l	96
59) 2-Hexanone	9.433	43	134361	121.313	ug/l	90
60) Dibromochloromethane	9.525	129	15844	16.792	ug/l	98
61) 1,2-Dibromoethane	9.610	107	20696	21.432	ug/l	97
64) Tetrachloroethene	9.275	164	15978	20.432	ug/l #	89
65) Chlorobenzene	10.086	112	49219	19.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16280	18.895	ug/l	97
67) Ethyl Benzene	10.195	91	90309	19.799	ug/l	100
68) m/p-Xylenes	10.305	106	65887	38.220	ug/l	98
69) o-Xylene	10.647	106	32585	19.435	ug/l	99
70) Styrene	10.659	104	54245	19.750	ug/l	97
71) Bromoform	10.805	173	9380	15.216	ug/l #	98
73) Isopropylbenzene	10.964	105	85067	19.764	ug/l	98
74) N-amyl acetate	10.848	43	45038	22.045	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	31843	22.321	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	28046m	22.355	ug/l	
77) Bromobenzene	11.201	156	17632	19.320	ug/l	86
78) n-propylbenzene	11.305	91	95518	18.947	ug/l	99
79) 2-Chlorotoluene	11.366	91	60834	19.895	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	69520	19.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	5524	10.432	ug/l #	82
82) 4-Chlorotoluene	11.457	91	67639	19.200	ug/l	98
83) tert-Butylbenzene	11.720	119	64150	18.750	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	70250	19.565	ug/l	100
85) sec-Butylbenzene	11.896	105	80624	18.544	ug/l	98
86) p-Isopropyltoluene	12.012	119	66984	18.242	ug/l	96
87) 1,3-Dichlorobenzene	11.976	146	33735	19.172	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	33617	18.483	ug/l	95
89) n-Butylbenzene	12.335	91	58976	17.363	ug/l	97
90) Hexachloroethane	12.543	117	8578	14.135	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	34265	20.274	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5905	19.343	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	18566	18.205	ug/l	95
94) Hexachlorobutadiene	13.725	225	6228	15.646	ug/l	96
95) Naphthalene	13.780	128	84697	21.295	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	18936	18.420	ug/l	97

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

