

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022458.D
 Acq On : 05 Jun 2021 09:52
 Operator : JC/MD
 Sample : VX0604WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0604WBS03

Manual Integrations
 APPROVED

MMDadoda
 6/7/2021 6:51:11 PM

Quant Time: Jun 07 03:19:26 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	64127	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	137123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60148	60.804	ug/l	0.00
Spiked Amount 50.000	Range	78 - 117	Recovery	=	121.600%	#
35) Dibromofluoromethane	5.391	113	43984	50.581	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	101.160%	
50) Toluene-d8	8.653	98	159420	47.593	ug/l	0.00
Spiked Amount 50.000	Range	92 - 112	Recovery	=	95.180%	
62) 4-Bromofluorobenzene	11.085	95	60453	48.827	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	97.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	14881	19.088	ug/l	99
3) Chloromethane	1.295	50	19872	23.631	ug/l	95
4) Vinyl Chloride	1.374	62	18099	20.340	ug/l	99
5) Bromomethane	1.599	94	10666	20.560	ug/l	98
6) Chloroethane	1.685	64	11649	21.986	ug/l	98
7) Trichlorofluoromethane	1.886	101	24775	19.364	ug/l	97
8) Diethyl Ether	2.136	74	11754	21.362	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.331	101	13815	18.184	ug/l	92
10) Methyl Iodide	2.459	142	17924	21.953	ug/l	94
11) Tert butyl alcohol	2.977	59	29325	129.613	ug/l	99
12) 1,1-Dichloroethene	2.319	96	15807	21.507	ug/l	96
13) Acrolein	2.240	56	12372	82.448	ug/l	97
14) Allyl chloride	2.666	41	29154	21.597	ug/l	95
15) Acrylonitrile	3.075	53	57903	129.996	ug/l	100
16) Acetone	2.386	43	54281	126.022	ug/l	98
17) Carbon Disulfide	2.514	76	34273	17.805	ug/l	100
18) Methyl Acetate	2.709	43	29781	25.998	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	58788	23.350	ug/l	98
20) Methylene Chloride	2.794	84	21090	22.053	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	18137	22.687	ug/l	89
22) Diisopropyl ether	3.776	45	63035	24.245	ug/l	90
23) Vinyl Acetate	3.733	43	300527	120.051	ug/l	96
24) 1,1-Dichloroethane	3.617	63	35235	23.093	ug/l	99
25) 2-Butanone	4.568	43	89154	127.942	ug/l	96
26) 2,2-Dichloropropane	4.483	77	13821	10.204	ug/l	95
27) cis-1,2-Dichloroethene	4.501	96	22028	22.658	ug/l	95
28) Bromochloromethane	4.904	49	15524	20.973	ug/l	82
29) Tetrahydrofuran	5.019	42	53356	128.647	ug/l	89
30) Chloroform	5.105	83	35056	22.237	ug/l	98
31) Cyclohexane	5.477	56	24115	19.400	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	27302	20.267	ug/l	98
36) 1,1-Dichloropropene	5.702	75	24567	19.375	ug/l	97
37) Ethyl Acetate	4.727	43	34580	22.247	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	21082	16.997	ug/l	94
39) Methylcyclohexane	7.385	83	23692	16.475	ug/l	97
40) Benzene	6.050	78	79870	20.472	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	18001	21.648	ug/l	94
42) 1,2-Dichloroethane	6.099	62	30603	22.390	ug/l	96
43) Isopropyl Acetate	6.349	43	56354	22.166	ug/l #	93
44) Trichloroethene	7.129	130	17794	18.354	ug/l	90
45) 1,2-Dichloropropane	7.440	63	21837	21.942	ug/l	99
46) Dibromomethane	7.586	93	14482	21.449	ug/l #	82
47) Bromodichloromethane	7.824	83	24433	18.084	ug/l	96
48) Methyl methacrylate	7.696	41	25931	22.132	ug/l	89
49) 1,4-Dioxane	7.665	88	10796	473.255	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	179034	117.560	ug/l	91
52) Toluene	8.720	92	48493	19.627	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	25663	16.455	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	28590	17.051	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	21576	21.512	ug/l	96
56) Ethyl methacrylate	9.122	69	33909	20.918	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	35724	20.862	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	79902	91.138	ug/l	95
59) 2-Hexanone	9.433	43	136197	118.908	ug/l	88
60) Dibromochloromethane	9.525	129	16800	17.217	ug/l	99
61) 1,2-Dibromoethane	9.616	107	20717	20.745	ug/l	96
64) Tetrachloroethene	9.275	164	15228	18.636	ug/l #	88
65) Chlorobenzene	10.086	112	49162	18.975	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	16680	18.527	ug/l	98
67) Ethyl Benzene	10.195	91	87806	18.422	ug/l	98
68) m/p-Xylenes	10.305	106	64278	35.684	ug/l	96
69) o-Xylene	10.647	106	33039	18.859	ug/l	100
70) Styrene	10.659	104	55041	19.178	ug/l	99
71) Bromoform	10.805	173	8960	14.031	ug/l #	94
73) Isopropylbenzene	10.964	105	81779	18.187	ug/l	98
74) N-amyl acetate	10.848	43	48086	22.531	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	32616	21.885	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	29349m	22.393	ug/l	
77) Bromobenzene	11.201	156	17984	18.863	ug/l	82
78) n-propylbenzene	11.305	91	93928	17.835	ug/l	98
79) 2-Chlorotoluene	11.366	91	59075	18.493	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	69230	18.577	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	7146	12.919	ug/l	87
82) 4-Chlorotoluene	11.457	91	67669	18.387	ug/l	97
83) tert-Butylbenzene	11.720	119	62656	17.530	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	69245	18.460	ug/l	100
85) sec-Butylbenzene	11.896	105	80011	17.616	ug/l	95
86) p-Isopropyltoluene	12.012	119	65690	17.124	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	33972	18.481	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	35060	18.452	ug/l	95
89) n-Butylbenzene	12.335	91	58894	16.597	ug/l	98
90) Hexachloroethane	12.543	117	8915	14.062	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	34468	19.522	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6148	19.278	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	18517	17.380	ug/l	96
94) Hexachlorobutadiene	13.725	225	6248	15.025	ug/l	97
95) Naphthalene	13.780	128	85777	20.645	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	19384	18.049	ug/l	96

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

