

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081621\
 Data File : VX023734.D
 Acq On : 16 Aug 2021 13:39
 Operator : JC/MD
 Sample : VX0816WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0816WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/17/2021 1:20:25 PM

Quant Time: Aug 17 06:15:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	212146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	337551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131188	49.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.140%
35) Dibromofluoromethane	5.391	113	101632	48.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.300%
50) Toluene-d8	8.653	98	361279	46.592	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.180%
62) 4-Bromofluorobenzene	11.085	95	133986	50.816	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	32905	16.859	ug/l	97
3) Chloromethane	1.301	50	38898	17.109	ug/l	98
4) Vinyl Chloride	1.374	62	39109	16.993	ug/l	99
5) Bromomethane	1.599	94	27668	20.250	ug/l	99
6) Chloroethane	1.685	64	27277	19.312	ug/l	97
7) Trichlorofluoromethane	1.886	101	69119	18.641	ug/l	97
8) Diethyl Ether	2.142	74	26213	19.154	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	41629	19.817	ug/l	99
10) Methyl Iodide	2.453	142	51069	19.404	ug/l	95
11) Tert butyl alcohol	2.977	59	59963	99.189	ug/l	97
12) 1,1-Dichloroethene	2.319	96	37175	17.834	ug/l	92
13) Acrolein	2.239	56	19286	63.776	ug/l	99
14) Allyl chloride	2.666	41	69495	18.338	ug/l	91
15) Acrylonitrile	3.075	53	138082	101.150	ug/l	97
16) Acetone	2.386	43	133881	103.133	ug/l	91
17) Carbon Disulfide	2.514	76	73136	14.229	ug/l	98
18) Methyl Acetate	2.715	43	67067	21.733	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	149085	20.570	ug/l	99
20) Methylene Chloride	2.794	84	46401	18.376	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	39309	17.752	ug/l	98
22) Diisopropyl ether	3.770	45	152604	20.399	ug/l	95
23) Vinyl Acetate	3.733	43	673461	101.979	ug/l	94
24) 1,1-Dichloroethane	3.617	63	80074	19.474	ug/l	96
25) 2-Butanone	4.568	43	206984	102.705	ug/l	92
26) 2,2-Dichloropropane	4.489	77	67192	19.980	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	49620	19.295	ug/l	96
28) Bromochloromethane	4.904	49	39801	20.741	ug/l	91
29) Tetrahydrofuran	5.013	42	131357	99.438	ug/l	89
30) Chloroform	5.099	83	84989	20.194	ug/l	93
31) Cyclohexane	5.477	56	67523	17.224	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	71792	19.960	ug/l	98
36) 1,1-Dichloropropene	5.696	75	57571	18.854	ug/l	99
37) Ethyl Acetate	4.727	43	75787	19.685	ug/l	95
38) Carbon Tetrachloride	5.684	117	60730	19.557	ug/l	95
39) Methylcyclohexane	7.385	83	71543	18.552	ug/l	95
40) Benzene	6.044	78	176216	19.464	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	42302	20.809	ug/l	92
42) 1,2-Dichloroethane	6.092	62	72997	21.806	ug/l	95
43) Isopropyl Acetate	6.348	43	123921	20.772	ug/l	93
44) Trichloroethene	7.129	130	48032	19.312	ug/l	96
45) 1,2-Dichloropropane	7.434	63	48032	20.049	ug/l	97
46) Dibromomethane	7.586	93	34781	21.403	ug/l	96
47) Bromodichloromethane	7.824	83	61040	20.849	ug/l	99
48) Methyl methacrylate	7.696	41	59658	21.592	ug/l	87
49) 1,4-Dioxane	7.665	88	24027	408.388	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	415079	113.752	ug/l	90
52) Toluene	8.720	92	113794	20.288	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	72288	20.577	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	74075	20.296	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	51226	22.554	ug/l	96
56) Ethyl methacrylate	9.122	69	79133	21.735	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	83687	21.684	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	189494	98.251	ug/l	96
59) 2-Hexanone	9.433	43	318766	115.039	ug/l	86
60) Dibromochloromethane	9.525	129	47610	20.146	ug/l	98
61) 1,2-Dibromoethane	9.616	107	52175	21.531	ug/l	100
64) Tetrachloroethene	9.275	164	48198	19.222	ug/l	97
65) Chlorobenzene	10.080	112	127521	19.775	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46545	19.392	ug/l	98
67) Ethyl Benzene	10.195	91	221994	19.849	ug/l	100
68) m/p-Xylenes	10.305	106	166606	38.734	ug/l	100
69) o-Xylene	10.647	106	83068	19.479	ug/l	98
70) Styrene	10.659	104	135135	20.000	ug/l	97
71) Bromoform	10.799	173	32642	19.144	ug/l #	100
73) Isopropylbenzene	10.964	105	218655	19.899	ug/l	98
74) N-amyl acetate	10.848	43	104495	20.845	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	74851	20.911	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	70419m	21.975	ug/l	
77) Bromobenzene	11.201	156	54573	20.588	ug/l	96
78) n-propylbenzene	11.305	91	249584	20.069	ug/l	100
79) 2-Chlorotoluene	11.366	91	149702	20.145	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	183249	20.478	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22428	18.819	ug/l #	86
82) 4-Chlorotoluene	11.457	91	173084	20.588	ug/l	99
83) tert-Butylbenzene	11.719	119	177918	20.269	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	183631	20.630	ug/l	100
85) sec-Butylbenzene	11.896	105	226557	19.906	ug/l	99
86) p-Isopropyltoluene	12.012	119	189571	20.626	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	96017	19.580	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	96617	19.417	ug/l	97
89) n-Butylbenzene	12.335	91	165187	19.854	ug/l	98
90) Hexachloroethane	12.543	117	27511	17.977	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	95511	20.115	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14702	18.332	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	57238	19.186	ug/l	99
94) Hexachlorobutadiene	13.725	225	25655	19.163	ug/l	99
95) Naphthalene	13.780	128	197215	19.227	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59188	19.647	ug/l	98

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

