

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022039.D
 Acq On : 17 May 2021 18:13
 Operator : JC/MD
 Sample : VX0518WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2021 5:56:45 PM

Quant Time: May 18 02:20:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	81282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	138553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	66016	49.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.70%		
35) Dibromofluoromethane	5.397	113	52053	48.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.30%		
50) Toluene-d8	8.653	98	193974	47.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.00%		
62) 4-Bromofluorobenzene	11.085	95	74230	46.06	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	19136	17.88	ug/l	100
3) Chloromethane	1.294	50	21608	16.81	ug/l	97
4) Vinyl Chloride	1.374	62	23182	15.62	ug/l	99
5) Bromomethane	1.611	94	12917	23.85	ug/l	97
6) Chloroethane	1.684	64	14864	19.26	ug/l	98
7) Trichlorofluoromethane	1.886	101	32401	15.84	ug/l	94
8) Diethyl Ether	2.136	74	14011	16.32	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.331	101	18787	18.06	ug/l	94
10) Methyl Iodide	2.453	142	18726	15.15	ug/l	95
11) Tert butyl alcohol	2.989	59	28384	79.52	ug/l	99
12) 1,1-Dichloroethene	2.325	96	19266	17.48	ug/l	92
13) Acrolein	2.239	56	13322	83.36	ug/l	96
14) Allyl chloride	2.666	41	33929	16.80	ug/l	97
15) Acrylonitrile	3.068	53	56912	84.86	ug/l	98
16) Acetone	2.386	43	52657	87.77	ug/l	95
17) Carbon Disulfide	2.514	76	47212	15.40	ug/l #	95
18) Methyl Acetate	2.709	43	30968	18.62	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	64109	18.14	ug/l	96
20) Methylene Chloride	2.794	84	22345	18.15	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	20794	17.68	ug/l	94
22) Diisopropyl ether	3.763	45	65937	17.53	ug/l #	83
23) Vinyl Acetate	3.727	43	316123	85.43	ug/l	96
24) 1,1-Dichloroethane	3.611	63	39341	18.20	ug/l	97
25) 2-Butanone	4.568	43	90418	87.58	ug/l	98
26) 2,2-Dichloropropane	4.483	77	33794	17.47	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	25271	18.20	ug/l	100
28) Bromochloromethane	4.903	49	19585	19.83	ug/l	85
29) Tetrahydrofuran	5.013	42	52852	86.15	ug/l	92
30) Chloroform	5.098	83	40733	18.48	ug/l	93
31) Cyclohexane	5.483	56	31483	17.82	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	34451	17.80	ug/l	98
36) 1,1-Dichloropropene	5.702	75	29786	18.00	ug/l	96
37) Ethyl Acetate	4.720	43	35887	17.95	ug/l	95
38) Carbon Tetrachloride	5.684	117	28616	17.29	ug/l	96
39) Methylcyclohexane	7.385	83	31934	17.19	ug/l	97
40) Benzene	6.043	78	89588	17.98	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18391	17.03	ug/l	95
42) 1,2-Dichloroethane	6.098	62	31830	18.64	ug/l	99
43) Isopropyl Acetate	6.348	43	57981	17.14	ug/l	95
44) Trichloroethene	7.129	130	21792	18.00	ug/l	91
45) 1,2-Dichloropropane	7.439	63	23477	17.99	ug/l	96
46) Dibromomethane	7.586	93	15565	17.63	ug/l #	87
47) Bromodichloromethane	7.830	83	32504	18.25	ug/l	99
48) Methyl methacrylate	7.696	41	26823	17.24	ug/l	91
49) 1,4-Dioxane	7.677	88	10387	317.31	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	178972	84.99	ug/l	93
52) Toluene	8.720	92	55478	17.44	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	35461	17.09	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	38592	17.75	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	22883	18.00	ug/l	98
56) Ethyl methacrylate	9.122	69	37692	16.87	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	39834	18.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	101718	92.97	ug/l	99
59) 2-Hexanone	9.433	43	135243	83.37	ug/l	91
60) Dibromochloromethane	9.524	129	22765	16.61	ug/l	97
61) 1,2-Dibromoethane	9.616	107	23870	18.00	ug/l	100
64) Tetrachloroethene	9.275	164	18666	20.94	ug/l #	88
65) Chlorobenzene	10.085	112	58252	18.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20971	17.78	ug/l	97
67) Ethyl Benzene	10.195	91	106364	17.97	ug/l	99
68) m/p-Xylenes	10.305	106	80782	35.71	ug/l	99
69) o-Xylene	10.646	106	39572	17.53	ug/l	100
70) Styrene	10.658	104	66212	17.64	ug/l	99
71) Bromoform	10.805	173	14408	16.06	ug/l #	100
73) Isopropylbenzene	10.963	105	102402	18.77	ug/l	99
74) N-amyl acetate	10.847	43	49267	16.84	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	34859	17.22	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	31961m	18.63	ug/l	
77) Bromobenzene	11.201	156	21818	18.56	ug/l	88
78) n-propylbenzene	11.305	91	120634	18.66	ug/l	99
79) 2-Chlorotoluene	11.366	91	73141	18.67	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	86896	18.53	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	12147	16.42	ug/l	99
82) 4-Chlorotoluene	11.457	91	82917	18.29	ug/l	98
83) tert-Butylbenzene	11.719	119	82613	18.18	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	86793	18.45	ug/l	99
85) sec-Butylbenzene	11.896	105	104509	18.72	ug/l	98
86) p-Isopropyltoluene	12.012	119	87937	18.49	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	40499	18.23	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	41598	18.11	ug/l	96
89) n-Butylbenzene	12.335	91	78316	17.85	ug/l	99
90) Hexachloroethane	12.542	117	13809	16.06	ug/l	80
91) 1,2-Dichlorobenzene	12.341	146	40252	18.36	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8244	18.37	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	23338	17.68	ug/l	96
94) Hexachlorobutadiene	13.731	225	9040	17.55	ug/l	96
95) Naphthalene	13.780	128	97483	18.02	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24279	18.14	ug/l	96

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

