

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023587.D
 Acq On : 06 Aug 2021 11:26
 Operator : JC/MD
 Sample : VX0806WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/9/2021 6:28:12 PM

Quant Time: Aug 07 04:41:43 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	208465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124254	47.78	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.56%		
35) Dibromofluoromethane	5.391	113	98143	47.89	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.78%		
50) Toluene-d8	8.653	98	361477	48.00	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.00%		
62) 4-Bromofluorobenzene	11.085	95	137206	53.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	38331	19.99	ug/l	95
3) Chloromethane	1.294	50	43603	19.52	ug/l	99
4) Vinyl Chloride	1.374	62	44095	19.50	ug/l	99
5) Bromomethane	1.599	94	30076	22.40	ug/l	99
6) Chloroethane	1.684	64	28996	20.89	ug/l	98
7) Trichlorofluoromethane	1.886	101	72220	19.82	ug/l	99
8) Diethyl Ether	2.136	74	26248	19.52	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	42840	20.75	ug/l	97
10) Methyl Iodide	2.453	142	49945	19.31	ug/l	96
11) Tert butyl alcohol	2.971	59	58409	98.32	ug/l	96
12) 1,1-Dichloroethene	2.318	96	39216	19.15	ug/l	95
13) Acrolein	2.239	56	25580	85.61	ug/l	97
14) Allyl chloride	2.666	41	70997	19.06	ug/l	91
15) Acrylonitrile	3.068	53	133622	99.61	ug/l	98
16) Acetone	2.386	43	123745	97.01	ug/l	93
17) Carbon Disulfide	2.514	76	81782	16.19	ug/l	100
18) Methyl Acetate	2.709	43	62264	20.53	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	143140	20.10	ug/l	97
20) Methylene Chloride	2.794	84	48139	19.40	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	42226	19.41	ug/l	97
22) Diisopropyl ether	3.769	45	148817	20.24	ug/l	96
23) Vinyl Acetate	3.727	43	650511	100.24	ug/l	95
24) 1,1-Dichloroethane	3.617	63	80760	19.99	ug/l	99
25) 2-Butanone	4.568	43	195714	98.83	ug/l	92
26) 2,2-Dichloropropane	4.483	77	65417	19.80	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	50292	19.90	ug/l	96
28) Bromochloromethane	4.903	49	31538	16.73	ug/l	95
29) Tetrahydrofuran	5.013	42	124977	96.28	ug/l	89
30) Chloroform	5.098	83	84399	20.41	ug/l	93
31) Cyclohexane	5.476	56	72171	18.74	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	71588	20.25	ug/l	95
36) 1,1-Dichloropropene	5.696	75	60325	20.34	ug/l	100
37) Ethyl Acetate	4.727	43	73152	19.57	ug/l	95
38) Carbon Tetrachloride	5.684	117	61607	20.43	ug/l	95
39) Methylcyclohexane	7.385	83	75120	20.06	ug/l	96
40) Benzene	6.043	78	181258	20.62	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40544	20.54	ug/l	91
42) 1,2-Dichloroethane	6.092	62	69474	21.37	ug/l	96
43) Isopropyl Acetate	6.348	43	115657	19.96	ug/l	93
44) Trichloroethene	7.129	130	50423	20.88	ug/l	99
45) 1,2-Dichloropropane	7.433	63	47539	20.43	ug/l	95
46) Dibromomethane	7.586	93	33729	21.37	ug/l	96
47) Bromodichloromethane	7.824	83	60557	21.30	ug/l	93
48) Methyl methacrylate	7.696	41	55354	20.63	ug/l	87
49) 1,4-Dioxane	7.659	88	24198	423.53	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	388295	109.58	ug/l	90
52) Toluene	8.720	92	116507	21.39	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	66392	19.56	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	72044	20.33	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	49416	22.40	ug/l	95
56) Ethyl methacrylate	9.116	69	75426	21.33	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	82249	21.95	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	167808	89.60	ug/l	96
59) 2-Hexanone	9.433	43	307009	114.09	ug/l	86
60) Dibromochloromethane	9.525	129	46359	20.19	ug/l	99
61) 1,2-Dibromoethane	9.616	107	51463	21.87	ug/l	99
64) Tetrachloroethene	9.275	164	49252	20.29	ug/l	94
65) Chlorobenzene	10.079	112	129374	20.73	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46623	20.03	ug/l	98
67) Ethyl Benzene	10.195	91	228455	21.10	ug/l	99
68) m/p-Xylenes	10.305	106	176613	42.42	ug/l	99
69) o-Xylene	10.646	106	85176	20.63	ug/l	100
70) Styrene	10.658	104	143706	21.97	ug/l	99
71) Bromoform	10.805	173	32982	19.83	ug/l #	100
73) Isopropylbenzene	10.963	105	226800	20.22	ug/l	99
74) N-amyl acetate	10.847	43	103178	20.16	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	77720	21.27	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	71812m	21.95	ug/l	
77) Bromobenzene	11.201	156	56803	20.99	ug/l	94
78) n-propylbenzene	11.305	91	263604	20.77	ug/l	100
79) 2-Chlorotoluene	11.366	91	160300	21.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	191633	20.98	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21838	17.95	ug/l #	85
82) 4-Chlorotoluene	11.457	91	178500	20.80	ug/l	99
83) tert-Butylbenzene	11.719	119	187552	20.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	191080	21.03	ug/l	100
85) sec-Butylbenzene	11.890	105	242190	20.85	ug/l	100
86) p-Isopropyltoluene	12.012	119	197634	21.07	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103029	20.58	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	103237	20.33	ug/l	98
89) n-Butylbenzene	12.335	91	175762	20.70	ug/l	97
90) Hexachloroethane	12.542	117	29842	18.98	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	100022	20.64	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14841	18.15	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	59659	19.59	ug/l	100
94) Hexachlorobutadiene	13.725	225	27929	20.44	ug/l	99
95) Naphthalene	13.780	128	204555	19.54	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	60308	19.61	ug/l	99

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

