

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080921\
 Data File : VX023615.D
 Acq On : 09 Aug 2021 15:45
 Operator : JC/MD
 Sample : VX0809WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0809WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:17:14 PM

Quant Time: Aug 10 04:03:27 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	5.562	168	241305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389523	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	357850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	160099	53.188	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.380%			
35) Dibromofluoromethane	5.391	113	121713	49.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	8.653	98	464941	51.960	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.920%			
62) 4-Bromofluorobenzene	11.085	95	173950	57.170	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.340%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	42286	19.048	ug/l	99
3) Chloromethane	1.294	50	49963	19.320	ug/l	100
4) Vinyl Chloride	1.374	62	48767	18.629	ug/l	99
5) Bromomethane	1.599	94	34715	22.337	ug/l	96
6) Chloroethane	1.685	64	33205	20.668	ug/l	100
7) Trichlorofluoromethane	1.886	101	80989	19.203	ug/l	96
8) Diethyl Ether	2.142	74	29627	19.032	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	47375	19.827	ug/l	95
10) Methyl Iodide	2.453	142	59067	19.731	ug/l	96
11) Tert butyl alcohol	2.977	59	61201	89.004	ug/l	98
12) 1,1-Dichloroethene	2.319	96	44964	18.964	ug/l	94
13) Acrolein	2.239	56	28598	82.728	ug/l	99
14) Allyl chloride	2.666	41	81808	18.978	ug/l	92
15) Acrylonitrile	3.068	53	146144	94.119	ug/l	98
16) Acetone	2.386	43	135015	91.439	ug/l	93
17) Carbon Disulfide	2.514	76	90399	15.462	ug/l	98
18) Methyl Acetate	2.715	43	69482	19.795	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	168113	20.392	ug/l	97
20) Methylene Chloride	2.794	84	54061	18.822	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	48454	19.238	ug/l	95
22) Diisopropyl ether	3.769	45	173726	20.416	ug/l	93
23) Vinyl Acetate	3.727	43	756871	100.760	ug/l	94
24) 1,1-Dichloroethane	3.617	63	93700	20.034	ug/l	97
25) 2-Butanone	4.568	43	211421	92.230	ug/l	95
26) 2,2-Dichloropropane	4.483	77	79428	20.764	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	58088	19.859	ug/l	97
28) Bromochloromethane	4.903	49	47069	21.564	ug/l	93
29) Tetrahydrofuran	5.019	42	137142	91.272	ug/l	89
30) Chloroform	5.105	83	96870	20.236	ug/l	98
31) Cyclohexane	5.476	56	82435	18.487	ug/l	96
32) 1,1,1-Trichloroethane	5.397	97	84270	20.598	ug/l	97
36) 1,1-Dichloropropene	5.696	75	69925	19.844	ug/l	99
37) Ethyl Acetate	4.721	43	81877	18.429	ug/l	95
38) Carbon Tetrachloride	5.684	117	69868	19.497	ug/l	97
39) Methylcyclohexane	7.385	83	84984	19.098	ug/l	96
40) Benzene	6.043	78	206072	19.725	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44633	19.026	ug/l	94
42) 1,2-Dichloroethane	6.092	62	81075	20.988	ug/l	96
43) Isopropyl Acetate	6.354	43	136559	19.836	ug/l	93
44) Trichloroethene	7.135	130	56910	19.828	ug/l	98
45) 1,2-Dichloropropane	7.433	63	56377	20.392	ug/l	99
46) Dibromomethane	7.586	93	38270	20.408	ug/l	98
47) Bromodichloromethane	7.824	83	68085	20.153	ug/l	98
48) Methyl methacrylate	7.702	41	65672	20.597	ug/l	87
49) 1,4-Dioxane	7.665	88	24200	356.447	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	439218	104.308	ug/l	90
52) Toluene	8.720	92	134283	20.746	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	81730	20.198	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	85449	20.289	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	57217	21.830	ug/l	97
56) Ethyl methacrylate	9.122	69	89427	21.285	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	93216	20.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	207944	93.432	ug/l	97
59) 2-Hexanone	9.433	43	337643	105.593	ug/l	87
60) Dibromochloromethane	9.525	129	52487	19.335	ug/l	100
61) 1,2-Dibromoethane	9.616	107	59013	21.104	ug/l	100
64) Tetrachloroethene	9.275	164	55939	19.641	ug/l	96
65) Chlorobenzene	10.079	112	149947	20.473	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	53881	19.746	ug/l	99
67) Ethyl Benzene	10.195	91	261494	20.585	ug/l	99
68) m/p-Xylenes	10.305	106	195219	39.960	ug/l	100
69) o-Xylene	10.646	106	98792	20.397	ug/l	97
70) Styrene	10.659	104	161625	21.061	ug/l	99
71) Bromoform	10.805	173	35264	18.381	ug/l #	98
73) Isopropylbenzene	10.963	105	257243	21.215	ug/l	98
74) N-amyl acetate	10.847	43	122334	22.114	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	81933	20.743	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	77148m	21.817	ug/l	
77) Bromobenzene	11.201	156	63535	21.721	ug/l	95
78) n-propylbenzene	11.305	91	291965	21.275	ug/l	100
79) 2-Chlorotoluene	11.366	91	176141	21.479	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	212618	21.531	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	24366	18.528	ug/l #	85
82) 4-Chlorotoluene	11.457	91	198812	21.430	ug/l	100
83) tert-Butylbenzene	11.719	119	210031	21.683	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	215758	21.966	ug/l	99
85) sec-Butylbenzene	11.896	105	265047	21.103	ug/l	100
86) p-Isopropyltoluene	12.012	119	222124	21.901	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112099	20.715	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	110351	20.097	ug/l	98
89) n-Butylbenzene	12.335	91	193383	21.063	ug/l	98
90) Hexachloroethane	12.542	117	32838	19.290	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	110384	21.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15493	17.601	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	66890	20.319	ug/l	100
94) Hexachlorobutadiene	13.725	225	27930	18.905	ug/l	97
95) Naphthalene	13.780	128	233462	20.626	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	68367	20.565	ug/l	99

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

