

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023628.D
 Acq On : 10 Aug 2021 11:29
 Operator : JC/MD
 Sample : VX0810WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2021 5:04:26 PM

Quant Time: Aug 11 02:58:15 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	213608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138621	52.024	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.040%	
35) Dibromofluoromethane	5.391	113	107784	50.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.840%	
50) Toluene-d8	8.653	98	394764	50.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	11.085	95	149077	56.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	34739	17.677	ug/l	96
3) Chloromethane	1.294	50	40505	17.694	ug/l	99
4) Vinyl Chloride	1.374	62	39522	17.055	ug/l	95
5) Bromomethane	1.599	94	27087	19.689	ug/l	95
6) Chloroethane	1.685	64	25539	17.957	ug/l	95
7) Trichlorofluoromethane	1.886	101	66638	17.849	ug/l	98
8) Diethyl Ether	2.136	74	25946	18.829	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	39859	18.844	ug/l	96
10) Methyl Iodide	2.453	142	50358	19.003	ug/l	96
11) Tert butyl alcohol	2.971	59	60291	99.049	ug/l	98
12) 1,1-Dichloroethene	2.319	96	36613	17.444	ug/l	93
13) Acrolein	2.239	56	26533	86.641	ug/l	99
14) Allyl chloride	2.666	41	69028	18.090	ug/l	92
15) Acrylonitrile	3.068	53	134698	97.996	ug/l	98
16) Acetone	2.386	43	131273	100.432	ug/l	91
17) Carbon Disulfide	2.508	76	74410	14.378	ug/l	97
18) Methyl Acetate	2.709	43	63641	20.482	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	145554	19.945	ug/l	100
20) Methylene Chloride	2.788	84	46647	18.347	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	38808	17.406	ug/l	96
22) Diisopropyl ether	3.770	45	149525	19.850	ug/l	96
23) Vinyl Acetate	3.727	43	663002	99.708	ug/l	94
24) 1,1-Dichloroethane	3.617	63	78178	18.883	ug/l	99
25) 2-Butanone	4.562	43	199113	98.123	ug/l	94
26) 2,2-Dichloropropane	4.477	77	64229	18.968	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	48798	18.846	ug/l	96
28) Bromochloromethane	4.897	49	42903	22.204	ug/l	93
29) Tetrahydrofuran	5.013	42	127161	95.603	ug/l	89
30) Chloroform	5.099	83	81038	19.124	ug/l	95
31) Cyclohexane	5.477	56	67191	17.022	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	68817	19.002	ug/l	98
36) 1,1-Dichloropropene	5.696	75	57239	18.691	ug/l	99
37) Ethyl Acetate	4.721	43	74207	19.219	ug/l	95
38) Carbon Tetrachloride	5.678	117	58136	18.667	ug/l	96
39) Methylcyclohexane	7.385	83	68787	17.786	ug/l	98
40) Benzene	6.043	78	172169	18.962	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40731	19.979	ug/l	90
42) 1,2-Dichloroethane	6.092	62	70716	21.064	ug/l	95
43) Isopropyl Acetate	6.342	43	120902	20.207	ug/l	93
44) Trichloroethene	7.129	130	46579	18.673	ug/l	97
45) 1,2-Dichloropropane	7.434	63	46356	19.294	ug/l	100
46) Dibromomethane	7.586	93	33200	20.372	ug/l	97
47) Bromodichloromethane	7.824	83	57479	19.576	ug/l	100
48) Methyl methacrylate	7.696	41	58254	21.023	ug/l	85
49) 1,4-Dioxane	7.665	88	24274	411.397	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	394839	107.894	ug/l	91
52) Toluene	8.720	92	110688	19.677	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	69282	19.745	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	72135	19.708	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	49004	21.513	ug/l	99
56) Ethyl methacrylate	9.116	69	76122	20.848	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	79613	20.569	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	180546	93.342	ug/l	96
59) 2-Hexanone	9.433	43	310701	111.805	ug/l	87
60) Dibromochloromethane	9.525	129	46371	19.622	ug/l	100
61) 1,2-Dibromoethane	9.610	107	51748	21.293	ug/l	97
64) Tetrachloroethene	9.275	164	46110	18.406	ug/l	94
65) Chlorobenzene	10.079	112	125263	19.443	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	44635	18.653	ug/l	99
67) Ethyl Benzene	10.195	91	215869	19.319	ug/l	99
68) m/p-Xylenes	10.305	106	164270	38.226	ug/l	99
69) o-Xylene	10.646	106	83631	19.629	ug/l	98
70) Styrene	10.659	104	135276	20.040	ug/l	98
71) Bromoform	10.805	173	33058	19.358	ug/l #	99
73) Isopropylbenzene	10.963	105	218001	18.976	ug/l	100
74) N-amyl acetate	10.848	43	106551	20.329	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	74932	20.023	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	72257m	21.567	ug/l	
77) Bromobenzene	11.201	156	54474	19.656	ug/l	97
78) n-propylbenzene	11.305	91	247532	19.038	ug/l	99
79) 2-Chlorotoluene	11.366	91	150165	19.327	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	180527	19.295	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	22204	17.820	ug/l #	85
82) 4-Chlorotoluene	11.457	91	171898	19.556	ug/l	100
83) tert-Butylbenzene	11.719	119	177970	19.392	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	182246	19.583	ug/l	99
85) sec-Butylbenzene	11.896	105	223365	18.771	ug/l	98
86) p-Isopropyltoluene	12.012	119	186483	19.406	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96736	18.867	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	96587	18.566	ug/l	97
89) n-Butylbenzene	12.335	91	163444	18.789	ug/l	97
90) Hexachloroethane	12.542	117	28067	17.588	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	94586	19.053	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14954	17.892	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	57118	18.312	ug/l	99
94) Hexachlorobutadiene	13.725	225	24460	17.475	ug/l	97
95) Naphthalene	13.780	128	197434	18.411	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57439	18.236	ug/l	99

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

