

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082421\
 Data File : VX023922.D
 Acq On : 24 Aug 2021 11:37
 Operator : JC/MD
 Sample : VX0824WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0824WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2021 6:53:56 PM

Quant Time: Aug 25 03:54:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	208970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	327720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144579	49.572	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.140%		
35) Dibromofluoromethane	5.391	113	106837	49.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.500%		
50) Toluene-d8	8.653	98	407126	49.315	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.620%		
62) 4-Bromofluorobenzene	11.085	95	154810	50.939	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	40242	18.252	ug/l	98
3) Chloromethane	1.294	50	44251	18.283	ug/l	100
4) Vinyl Chloride	1.374	62	41886	17.744	ug/l	99
5) Bromomethane	1.599	94	33382	22.493	ug/l	96
6) Chloroethane	1.685	64	26987	15.775	ug/l	97
7) Trichlorofluoromethane	1.886	101	70370	18.878	ug/l	97
8) Diethyl Ether	2.142	74	25658	19.710	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	41527	19.798	ug/l	97
10) Methyl Iodide	2.453	142	49636	16.995	ug/l	92
11) Tert butyl alcohol	2.971	59	55405	93.935	ug/l	97
12) 1,1-Dichloroethene	2.319	96	38214	19.055	ug/l	96
13) Acrolein	2.239	56	34417	98.056	ug/l	98
14) Allyl chloride	2.666	41	70396	19.047	ug/l	90
15) Acrylonitrile	3.068	53	124273	94.563	ug/l	97
16) Acetone	2.386	43	114378	87.708	ug/l	89
17) Carbon Disulfide	2.514	76	89724	18.758	ug/l	99
18) Methyl Acetate	2.709	43	63017	19.357	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	140767	20.168	ug/l	99
20) Methylene Chloride	2.794	84	46165	18.533	ug/l #	87
21) trans-1,2-Dichloroethene	3.099	96	41393	19.323	ug/l	99
22) Diisopropyl ether	3.769	45	144911	19.686	ug/l	96
23) Vinyl Acetate	3.727	43	591024	99.253	ug/l #	94
24) 1,1-Dichloroethane	3.617	63	79711	19.457	ug/l	98
25) 2-Butanone	4.568	43	185102	93.713	ug/l	89
26) 2,2-Dichloropropane	4.477	77	65679	19.534	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	48096	18.869	ug/l	93
28) Bromochloromethane	4.903	49	41093	22.061	ug/l	94
29) Tetrahydrofuran	5.013	42	116014	90.678	ug/l	89
30) Chloroform	5.099	83	83736	19.304	ug/l	99
31) Cyclohexane	5.470	56	68999	18.414	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	73119	19.686	ug/l	97
36) 1,1-Dichloropropene	5.696	75	59110	19.477	ug/l	99
37) Ethyl Acetate	4.721	43	71106	19.060	ug/l #	94
38) Carbon Tetrachloride	5.684	117	62996	19.906	ug/l	98
39) Methylcyclohexane	7.385	83	73512	19.893	ug/l	94
40) Benzene	6.043	78	174868	19.486	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38256	18.916	ug/l	91
42) 1,2-Dichloroethane	6.098	62	71504	20.273	ug/l	94
43) Isopropyl Acetate	6.348	43	114329	19.592	ug/l	92
44) Trichloroethene	7.129	130	48038	19.378	ug/l	98
45) 1,2-Dichloropropane	7.433	63	47208	19.810	ug/l	95
46) Dibromomethane	7.586	93	33156	19.993	ug/l	97
47) Bromodichloromethane	7.824	83	60560	20.186	ug/l	99
48) Methyl methacrylate	7.696	41	56375	19.804	ug/l	85
49) 1,4-Dioxane	7.665	88	23737	394.548	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	372861	98.848	ug/l	90
52) Toluene	8.720	92	112828	19.402	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	68313	19.012	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	72382	19.911	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	47285	19.751	ug/l	98
56) Ethyl methacrylate	9.122	69	73029	18.340	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	78806	19.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	189958	98.535	ug/l	96
59) 2-Hexanone	9.433	43	292682	100.942	ug/l	86
60) Dibromochloromethane	9.525	129	47192	18.934	ug/l	99
61) 1,2-Dibromoethane	9.610	107	50014	19.775	ug/l	100
64) Tetrachloroethene	9.275	164	48040	19.578	ug/l	93
65) Chlorobenzene	10.085	112	124002	19.342	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	46446	20.355	ug/l	100
67) Ethyl Benzene	10.195	91	220770	19.720	ug/l	100
68) m/p-Xylenes	10.305	106	169090	39.654	ug/l	99
69) o-Xylene	10.646	106	82288	19.637	ug/l	99
70) Styrene	10.659	104	138165	20.239	ug/l	97
71) Bromoform	10.805	173	33284	19.189	ug/l #	100
73) Isopropylbenzene	10.963	105	218363	19.508	ug/l	99
74) N-amyl acetate	10.847	43	100948	19.956	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	73685	20.086	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	69338m	20.254	ug/l	
77) Bromobenzene	11.201	156	54841	19.892	ug/l	97
78) n-propylbenzene	11.305	91	253176	19.775	ug/l	99
79) 2-Chlorotoluene	11.366	91	152330	19.685	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	182942	19.888	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22519	19.350	ug/l #	86
82) 4-Chlorotoluene	11.457	91	173583	19.763	ug/l	99
83) tert-Butylbenzene	11.719	119	180942	20.253	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	185696	20.246	ug/l	100
85) sec-Butylbenzene	11.896	105	228040	20.161	ug/l	99
86) p-Isopropyltoluene	12.012	119	191058	20.524	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	99027	19.853	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	98491	19.798	ug/l	98
89) n-Butylbenzene	12.335	91	170536	20.517	ug/l	97
90) Hexachloroethane	12.542	117	29353	19.024	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	94922	19.643	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	14760	18.580	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	58171	20.002	ug/l	98
94) Hexachlorobutadiene	13.731	225	26763	20.646	ug/l	97
95) Naphthalene	13.780	128	187201	18.275	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	57380	19.810	ug/l	99

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

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