

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024072.D
 Acq On : 02 Sep 2021 16:01
 Operator : JC/MD
 Sample : VX0902WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0902WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:36:36 PM

Quant Time: Sep 02 16:37:21 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	5.556	168	166064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	115219	49.712	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.420%			
35) Dibromofluoromethane	5.391	113	86425	50.876	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	8.653	98	311434	48.169	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.340%			
62) 4-Bromofluorobenzene	11.085	95	122646	51.529	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	33582	19.167	ug/l	100
3) Chloromethane	1.295	50	33677	17.509	ug/l	95
4) Vinyl Chloride	1.374	62	34654	18.474	ug/l	100
5) Bromomethane	1.599	94	24811	21.037	ug/l	100
6) Chloroethane	1.685	64	22650	16.568	ug/l	99
7) Trichlorofluoromethane	1.886	101	61622	20.802	ug/l	97
8) Diethyl Ether	2.136	74	20634	19.946	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	36095	21.654	ug/l	93
10) Methyl Iodide	2.453	142	46386	19.985	ug/l	93
11) Tert butyl alcohol	2.971	59	47885	102.162	ug/l	98
12) 1,1-Dichloroethene	2.319	96	32131	20.161	ug/l	89
13) Acrolein	2.239	56	27064	97.029	ug/l	98
14) Allyl chloride	2.666	41	56924	19.381	ug/l	87
15) Acrylonitrile	3.069	53	101179	96.882	ug/l	97
16) Acetone	2.386	43	115406	111.362	ug/l #	87
17) Carbon Disulfide	2.514	76	74102	19.495	ug/l	100
18) Methyl Acetate	2.709	43	51575	19.936	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	118851	21.427	ug/l	97
20) Methylene Chloride	2.794	84	38604	19.502	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	34674	20.369	ug/l	98
22) Diisopropyl ether	3.770	45	118718	20.295	ug/l	96
23) Vinyl Acetate	3.727	43	485618	102.622	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	66938	20.561	ug/l	96
25) 2-Butanone	4.562	43	159817	101.817	ug/l	92
26) 2,2-Dichloropropane	4.483	77	61079	22.859	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	40631	20.059	ug/l	93
28) Bromochloromethane	4.904	49	25710	17.368	ug/l	97
29) Tetrahydrofuran	5.013	42	95857	94.281	ug/l	90
30) Chloroform	5.105	83	72380	20.997	ug/l	96
31) Cyclohexane	5.477	56	57236	19.222	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	64990	22.018	ug/l	98
36) 1,1-Dichloropropene	5.690	75	51629	21.722	ug/l	99
37) Ethyl Acetate	4.721	43	57251	19.595	ug/l #	94
38) Carbon Tetrachloride	5.678	117	57023	23.007	ug/l	98
39) Methylcyclohexane	7.385	83	62755	21.685	ug/l	96
40) Benzene	6.044	78	147276	20.955	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	32335	20.416	ug/l	90
42) 1,2-Dichloroethane	6.092	62	62082	22.475	ug/l	94
43) Isopropyl Acetate	6.348	43	93729	20.510	ug/l	94
44) Trichloroethene	7.129	130	41805	21.533	ug/l	96
45) 1,2-Dichloropropane	7.434	63	38607	20.687	ug/l	99
46) Dibromomethane	7.586	93	28988	22.320	ug/l	96
47) Bromodichloromethane	7.824	83	53332	22.699	ug/l	98
48) Methyl methacrylate	7.696	41	46452	20.836	ug/l	86
49) 1,4-Dioxane	7.659	88	19415	412.062	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	309867	104.893	ug/l	89
52) Toluene	8.720	92	97044	21.309	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	58861	20.703	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	60356	21.200	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	40856	21.790	ug/l	98
56) Ethyl methacrylate	9.122	69	61208	19.575	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	66366	21.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	141886	93.978	ug/l	98
59) 2-Hexanone	9.433	43	248882	109.603	ug/l	85
60) Dibromochloromethane	9.525	129	40498	20.585	ug/l	99
61) 1,2-Dibromoethane	9.610	107	42408	21.410	ug/l	100
64) Tetrachloroethene	9.275	164	42005	21.927	ug/l	94
65) Chlorobenzene	10.080	112	108976	21.774	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	40130	22.528	ug/l	99
67) Ethyl Benzene	10.195	91	192898	22.071	ug/l	100
68) m/p-Xylenes	10.305	106	148489	44.605	ug/l	98
69) o-Xylene	10.646	106	72377	22.124	ug/l	99
70) Styrene	10.659	104	119874	22.493	ug/l	97
71) Bromoform	10.805	173	30154	21.959	ug/l #	99
73) Isopropylbenzene	10.964	105	195053	21.385	ug/l	100
74) N-amyl acetate	10.848	43	85035	20.630	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	63631	21.287	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	60200m	21.581	ug/l	
77) Bromobenzene	11.201	156	48258	21.481	ug/l	95
78) n-propylbenzene	11.305	91	224583	21.528	ug/l	98
79) 2-Chlorotoluene	11.366	91	136229	21.605	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	166248	22.180	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19080	20.120	ug/l #	85
82) 4-Chlorotoluene	11.457	91	155773	21.765	ug/l	100
83) tert-Butylbenzene	11.719	119	160419	22.036	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	165481	22.142	ug/l	99
85) sec-Butylbenzene	11.890	105	205863	22.336	ug/l	100
86) p-Isopropyltoluene	12.012	119	171988	22.673	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	89180	21.942	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	89302	22.030	ug/l	98
89) n-Butylbenzene	12.335	91	150990	22.293	ug/l	97
90) Hexachloroethane	12.543	117	27549	21.690	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	85795	21.789	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12989	19.893	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	52239	22.044	ug/l	99
94) Hexachlorobutadiene	13.725	225	25541	24.181	ug/l	98
95) Naphthalene	13.780	128	167052	19.892	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	52783	22.364	ug/l	99

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

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