

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024156.D
 Acq On : 10 Sep 2021 11:15
 Operator : JC/MD
 Sample : VX0910WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2021 7:33:37 PM

Quant Time: Sep 11 04:19:19 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	181460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	279655	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127777	50.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.900%	
35) Dibromofluoromethane	5.391	113	97147	52.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.960%	
50) Toluene-d8	8.653	98	345132	48.990	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	11.085	95	142414	54.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.820%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	36722	19.181	ug/l	100
3) Chloromethane	1.294	50	34393	16.364	ug/l	99
4) Vinyl Chloride	1.374	62	33682	16.432	ug/l	99
5) Bromomethane	1.599	94	25072	19.455	ug/l	97
6) Chloroethane	1.685	64	22386	15.145	ug/l	100
7) Trichlorofluoromethane	1.886	101	59567	18.402	ug/l	94
8) Diethyl Ether	2.136	74	19977	17.672	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	34904	19.163	ug/l	97
10) Methyl Iodide	2.453	142	38419	15.148	ug/l #	89
11) Tert butyl alcohol	2.971	59	54619	106.642	ug/l	99
12) 1,1-Dichloroethene	2.319	96	32116	18.442	ug/l	94
13) Acrolein	2.239	56	25401	83.340	ug/l	97
14) Allyl chloride	2.666	41	54851	17.091	ug/l	89
15) Acrylonitrile	3.068	53	98669	86.463	ug/l	97
16) Acetone	2.386	43	101797	89.895	ug/l	91
17) Carbon Disulfide	2.514	76	70881	17.065	ug/l	98
18) Methyl Acetate	2.709	43	65967	23.335	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	116553	19.230	ug/l	99
20) Methylene Chloride	2.794	84	37314	17.251	ug/l #	87
21) trans-1,2-Dichloroethene	3.099	96	35073	18.855	ug/l	97
22) Diisopropyl ether	3.770	45	114746	17.951	ug/l	96
23) Vinyl Acetate	3.727	43	482124	93.240	ug/l #	93
24) 1,1-Dichloroethane	3.617	63	64902	18.244	ug/l	99
25) 2-Butanone	4.568	43	149238	87.010	ug/l	95
26) 2,2-Dichloropropane	4.483	77	58988	20.203	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	41723	18.850	ug/l	97
28) Bromochloromethane	4.910	49	26760	16.544	ug/l	98
29) Tetrahydrofuran	5.019	42	94874	85.397	ug/l	91
30) Chloroform	5.105	83	70724	18.776	ug/l	95
31) Cyclohexane	5.477	56	57504	17.673	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	63757	19.767	ug/l	99
36) 1,1-Dichloropropene	5.696	75	51485	19.880	ug/l	98
37) Ethyl Acetate	4.727	43	55741	17.510	ug/l	95
38) Carbon Tetrachloride	5.684	117	53948	19.976	ug/l	98
39) Methylcyclohexane	7.385	83	62867	19.937	ug/l	95
40) Benzene	6.043	78	147204	19.222	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30826	17.862	ug/l	92
42) 1,2-Dichloroethane	6.092	62	62290	20.696	ug/l	94
43) Isopropyl Acetate	6.348	43	90127	18.100	ug/l	94
44) Trichloroethene	7.129	130	41097	19.427	ug/l	95
45) 1,2-Dichloropropane	7.433	63	39160	19.257	ug/l	94
46) Dibromomethane	7.586	93	27157	19.191	ug/l	99
47) Bromodichloromethane	7.824	83	50972	19.911	ug/l	98
48) Methyl methacrylate	7.696	41	54764	22.545	ug/l	87
49) 1,4-Dioxane	7.665	88	19530	380.414	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	296356	92.069	ug/l	90
52) Toluene	8.720	92	96337	19.414	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	57786	18.865	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	59464	19.169	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	40054	19.606	ug/l	98
56) Ethyl methacrylate	9.122	69	47747	14.230	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	65437	19.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	156776	95.300	ug/l	99
59) 2-Hexanone	9.433	43	234668	94.844	ug/l	87
60) Dibromochloromethane	9.525	129	39779	18.723	ug/l	100
61) 1,2-Dibromoethane	9.610	107	42931	19.892	ug/l	99
64) Tetrachloroethene	9.275	164	42349	20.058	ug/l	95
65) Chlorobenzene	10.079	112	107465	19.482	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39315	20.025	ug/l	99
67) Ethyl Benzene	10.195	91	194043	20.144	ug/l	99
68) m/p-Xylenes	10.305	106	144431	39.366	ug/l	98
69) o-Xylene	10.646	106	70412	19.529	ug/l	100
70) Styrene	10.659	104	104999	17.876	ug/l	96
71) Bromoform	10.805	173	28351	19.016	ug/l #	100
73) Isopropylbenzene	10.963	105	193071	19.163	ug/l	100
74) N-amyl acetate	10.848	43	78650	17.273	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	62878	19.043	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	59517m	19.315	ug/l	
77) Bromobenzene	11.201	156	47391	19.097	ug/l	98
78) n-propylbenzene	11.305	91	217802	18.900	ug/l	100
79) 2-Chlorotoluene	11.366	91	132544	19.030	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	166293	20.084	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	18606	17.762	ug/l	88
82) 4-Chlorotoluene	11.457	91	154913	19.594	ug/l	99
83) tert-Butylbenzene	11.719	119	154446	19.206	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	168163	20.369	ug/l	97
85) sec-Butylbenzene	11.896	105	186540	18.322	ug/l	100
86) p-Isopropyltoluene	12.012	119	168686	20.131	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	84928	18.916	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	83893	18.735	ug/l	97
89) n-Butylbenzene	12.335	91	148700	19.875	ug/l	97
90) Hexachloroethane	12.542	117	25083	18.135	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	82952	19.071	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12568	17.693	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	49959	19.084	ug/l	99
94) Hexachlorobutadiene	13.731	225	24068	20.628	ug/l	98
95) Naphthalene	13.780	128	161752	17.594	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50856	19.506	ug/l	99

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

