

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
 Data File : VX024129.D
 Acq On : 08 Sep 2021 11:46
 Operator : JC/MD
 Sample : VX0908WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:51:31 AM

Quant Time: Sep 09 05:42:56 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	159552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110895	49.799	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.600%		
35) Dibromofluoromethane	5.391	113	82216	50.649	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.300%		
50) Toluene-d8	8.653	98	284438	46.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.080%		
62) 4-Bromofluorobenzene	11.085	95	116281	51.127	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	34680	20.601	ug/l	98
3) Chloromethane	1.294	50	32394	17.530	ug/l	99
4) Vinyl Chloride	1.374	62	31567	17.515	ug/l	100
5) Bromomethane	1.599	94	25186	22.226	ug/l	98
6) Chloroethane	1.685	64	20887	15.968	ug/l	98
7) Trichlorofluoromethane	1.886	101	55592	19.532	ug/l	99
8) Diethyl Ether	2.142	74	19677	19.797	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	30993	19.352	ug/l	94
10) Methyl Iodide	2.453	142	39624	17.769	ug/l	93
11) Tert butyl alcohol	2.971	59	49012	108.834	ug/l	99
12) 1,1-Dichloroethene	2.319	96	29036	18.963	ug/l	93
13) Acrolein	2.239	56	22305	83.231	ug/l	96
14) Allyl chloride	2.666	41	51685	18.316	ug/l	87
15) Acrylonitrile	3.068	53	95173	94.851	ug/l	96
16) Acetone	2.386	43	96055	96.472	ug/l #	87
17) Carbon Disulfide	2.514	76	67834	18.574	ug/l	99
18) Methyl Acetate	2.709	43	59381	23.890	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	113351	21.270	ug/l	99
20) Methylene Chloride	2.794	84	36191	19.029	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	32880	20.103	ug/l	97
22) Diisopropyl ether	3.770	45	110805	19.715	ug/l	99
23) Vinyl Acetate	3.727	43	488439	107.431	ug/l	94
24) 1,1-Dichloroethane	3.611	63	60337	19.290	ug/l	96
25) 2-Butanone	4.568	43	145086	96.204	ug/l	93
26) 2,2-Dichloropropane	4.483	77	52668	20.516	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	38537	19.802	ug/l	96
28) Bromochloromethane	4.904	49	24058	16.916	ug/l	93
29) Tetrahydrofuran	5.019	42	91616	93.788	ug/l	91
30) Chloroform	5.099	83	66319	20.024	ug/l	99
31) Cyclohexane	5.477	56	52395	18.314	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	58272	20.548	ug/l	99
36) 1,1-Dichloropropene	5.702	75	47291	20.822	ug/l	96
37) Ethyl Acetate	4.727	43	54779	19.621	ug/l #	95
38) Carbon Tetrachloride	5.678	117	50741	21.425	ug/l	98
39) Methylcyclohexane	7.385	83	56534	20.444	ug/l	100
40) Benzene	6.044	78	138470	20.619	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	30421	20.100	ug/l	90
42) 1,2-Dichloroethane	6.098	62	60698	22.996	ug/l	94
43) Isopropyl Acetate	6.348	43	89535	20.503	ug/l	92
44) Trichloroethene	7.129	130	39028	21.037	ug/l	100
45) 1,2-Dichloropropane	7.434	63	36537	20.488	ug/l	97
46) Dibromomethane	7.580	93	26439	21.304	ug/l	98
47) Bromodichloromethane	7.824	83	49392	22.000	ug/l	99
48) Methyl methacrylate	7.696	41	54761	25.706	ug/l	84
49) 1,4-Dioxane	7.665	88	18506	411.038	ug/l #	96
51) 4-Methyl-2-Pentanone	8.574	43	292231	103.524	ug/l	90
52) Toluene	8.720	92	92039	21.150	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	55501	20.458	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	58623	21.549	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	38566	21.526	ug/l	97
56) Ethyl methacrylate	9.116	69	45201	15.300	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	64497	21.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	137871	95.566	ug/l	97
59) 2-Hexanone	9.433	43	229533	105.783	ug/l	86
60) Dibromochloromethane	9.525	129	38146	20.315	ug/l	97
61) 1,2-Dibromoethane	9.610	107	41224	21.781	ug/l	99
64) Tetrachloroethene	9.275	164	39104	20.846	ug/l	95
65) Chlorobenzene	10.079	112	101673	20.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	37573	21.541	ug/l	99
67) Ethyl Benzene	10.195	91	178893	20.903	ug/l	100
68) m/p-Xylenes	10.305	106	133622	40.992	ug/l	98
69) o-Xylene	10.646	106	64700	20.198	ug/l	97
70) Styrene	10.659	104	96892	18.567	ug/l	95
71) Bromoform	10.805	173	27799	20.787	ug/l #	98
73) Isopropylbenzene	10.963	105	175791	19.313	ug/l	100
74) N-amyl acetate	10.848	43	76553	18.610	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	61368	20.572	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	58399m	20.979	ug/l	
77) Bromobenzene	11.201	156	45284	20.199	ug/l	97
78) n-propylbenzene	11.305	91	198065	19.025	ug/l	99
79) 2-Chlorotoluene	11.366	91	123082	19.560	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	155119	20.738	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17582	18.579	ug/l #	84
82) 4-Chlorotoluene	11.457	91	143760	20.128	ug/l	99
83) tert-Butylbenzene	11.719	119	144518	19.893	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	153879	20.632	ug/l	98
85) sec-Butylbenzene	11.896	105	169628	18.443	ug/l	99
86) p-Isopropyltoluene	12.012	119	157680	20.830	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	80726	19.903	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	80799	19.973	ug/l	98
89) n-Butylbenzene	12.335	91	137464	20.338	ug/l	97
90) Hexachloroethane	12.542	117	24150	19.231	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	77947	19.836	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12681	19.508	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	48564	20.535	ug/l	98
94) Hexachlorobutadiene	13.731	225	23789	22.568	ug/l	99
95) Naphthalene	13.780	128	158561	18.982	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47572	20.198	ug/l	96

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

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