

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090821\
 Data File : VX024125.D
 Acq On : 08 Sep 2021 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2021 10:51:28 AM

Quant Time: Sep 09 05:40:52 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	168806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	264137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108420	46.019	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.040%		
35) Dibromofluoromethane	5.397	113	82071	46.945	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	8.653	98	291196	43.763	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.520%#		
62) 4-Bromofluorobenzene	11.085	95	121419	49.569	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	97220	54.587	ug/l	99
3) Chloromethane	1.294	50	88766	45.401	ug/l	99
4) Vinyl Chloride	1.380	62	88753	46.545	ug/l	100
5) Bromomethane	1.599	94	56758	47.343	ug/l	95
6) Chloroethane	1.678	64	57316	40.582	ug/l	100
7) Trichlorofluoromethane	1.886	101	156555	51.990	ug/l	97
8) Diethyl Ether	2.142	74	51388	48.868	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	88701	52.349	ug/l	96
10) Methyl Iodide	2.453	142	113169	47.967	ug/l	92
11) Tert butyl alcohol	2.983	59	110095	231.070	ug/l	99
12) 1,1-Dichloroethene	2.319	96	82089	50.671	ug/l	93
13) Acrolein	2.245	56	61806	217.986	ug/l	98
14) Allyl chloride	2.666	41	144719	48.473	ug/l	89
15) Acrylonitrile	3.074	53	243773	229.629	ug/l	97
16) Acetone	2.392	43	277990	263.890	ug/l	89
17) Carbon Disulfide	2.514	76	199145	51.541	ug/l	100
18) Methyl Acetate	2.709	43	147851	56.222	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	298895	53.011	ug/l	97
20) Methylene Chloride	2.794	84	95326	47.374	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	90666	52.396	ug/l	93
22) Diisopropyl ether	3.769	45	297657	50.057	ug/l	96
23) Vinyl Acetate	3.733	43	1289343	268.042	ug/l	94
24) 1,1-Dichloroethane	3.617	63	166708	50.375	ug/l	98
25) 2-Butanone	4.568	43	380585	238.526	ug/l	94
26) 2,2-Dichloropropane	4.483	77	152659	56.205	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	105080	51.034	ug/l	95
28) Bromochloromethane	4.910	49	67774	45.041	ug/l	98
29) Tetrahydrofuran	5.013	42	235384	227.753	ug/l	90
30) Chloroform	5.105	83	179804	51.313	ug/l	98
31) Cyclohexane	5.476	56	150397	49.688	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	165891	55.289	ug/l	98
36) 1,1-Dichloropropene	5.696	75	131194	53.634	ug/l	100
37) Ethyl Acetate	4.727	43	141320	47.000	ug/l	94
38) Carbon Tetrachloride	5.684	117	147070	57.658	ug/l	100
39) Methylcyclohexane	7.385	83	167004	56.073	ug/l	97
40) Benzene	6.043	78	375870	51.966	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	78354	48.070	ug/l	92
42) 1,2-Dichloroethane	6.092	62	158250	55.668	ug/l	94
43) Isopropyl Acetate	6.348	43	235651	50.104	ug/l	92
44) Trichloroethene	7.129	130	107630	53.867	ug/l	97
45) 1,2-Dichloropropane	7.433	63	100154	52.145	ug/l	99
46) Dibromomethane	7.586	93	71492	53.488	ug/l	98
47) Bromodichloromethane	7.824	83	139199	57.568	ug/l	99
48) Methyl methacrylate	7.696	41	144053	62.786	ug/l	85
49) 1,4-Dioxane	7.665	88	45135	930.809	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	747511	245.873	ug/l	90
52) Toluene	8.720	92	252061	53.780	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	157364	50.368	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	162089	55.322	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	101166	52.429	ug/l	98
56) Ethyl methacrylate	9.122	69	125330	38.194	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	172261	53.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	366746	236.034	ug/l	98
59) 2-Hexanone	9.433	43	587828	251.536	ug/l	88
60) Dibromochloromethane	9.525	129	112267	52.590	ug/l	99
61) 1,2-Dibromoethane	9.610	107	111413	54.655	ug/l	99
64) Tetrachloroethene	9.275	164	109991	56.549	ug/l	93
65) Chlorobenzene	10.079	112	278097	54.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	107041	59.182	ug/l	99
67) Ethyl Benzene	10.195	91	506471	57.073	ug/l	99
68) m/p-Xylenes	10.305	106	381738	112.939	ug/l	97
69) o-Xylene	10.646	106	183575	55.267	ug/l	99
70) Styrene	10.658	104	282096	52.131	ug/l	96
71) Bromoform	10.805	173	79549	53.967	ug/l	99
73) Isopropylbenzene	10.963	105	511824	50.066	ug/l	100
74) N-amyl acetate	10.847	43	214311	46.388	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	162029	48.362	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	152773m	48.864	ug/l	
77) Bromobenzene	11.201	156	127555	50.659	ug/l	96
78) n-propylbenzene	11.305	91	583121	49.871	ug/l	98
79) 2-Chlorotoluene	11.366	91	349631	49.473	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	439721	52.341	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	50721	47.720	ug/l	89
82) 4-Chlorotoluene	11.457	91	412051	51.367	ug/l	100
83) tert-Butylbenzene	11.719	119	417829	51.209	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	444578	53.074	ug/l	98
85) sec-Butylbenzene	11.896	105	507086	49.088	ug/l	99
86) p-Isopropyltoluene	12.012	119	466334	54.851	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	230832	50.672	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	233440	51.380	ug/l	99
89) n-Butylbenzene	12.335	91	416745	54.899	ug/l	98
90) Hexachloroethane	12.542	117	74970	50.570	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	223892	50.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35775	45.734	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	145476	54.770	ug/l	99
94) Hexachlorobutadiene	13.725	225	69431	58.648	ug/l	99
95) Naphthalene	13.780	128	464085	47.408	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	144022	54.444	ug/l	98

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

