

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060921\
 Data File : VX022629.D
 Acq On : 09 Jun 2021 21:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/10/2021 12:11:42 PM

Quant Time: Jun 10 05:47:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	63705	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	130624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57110	50.428	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.860%			
35) Dibromofluoromethane	5.397	113	42086	51.496	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	8.653	98	165482	50.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.500%			
62) 4-Bromofluorobenzene	11.085	95	62966	51.948	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	41354	55.664	ug/l	100
3) Chloromethane	1.295	50	46557	51.887	ug/l	100
4) Vinyl Chloride	1.374	62	44869	51.234	ug/l	99
5) Bromomethane	1.599	94	24075	52.322	ug/l	95
6) Chloroethane	1.679	64	28099	50.954	ug/l	96
7) Trichlorofluoromethane	1.880	101	65250	51.159	ug/l	94
8) Diethyl Ether	2.142	74	26751	51.446	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	40762	52.127	ug/l	89
10) Methyl Iodide	2.453	142	42989	46.702	ug/l	95
11) Tert butyl alcohol	2.983	59	65066	256.141	ug/l	99
12) 1,1-Dichloroethene	2.319	96	39971	49.481	ug/l	91
13) Acrolein	2.240	56	28808	237.847	ug/l	96
14) Allyl chloride	2.666	41	76813	51.857	ug/l	94
15) Acrylonitrile	3.075	53	141753	267.666	ug/l	99
16) Acetone	2.392	43	131004	257.432	ug/l	97
17) Carbon Disulfide	2.514	76	87682	43.830	ug/l	99
18) Methyl Acetate	2.715	43	76208	54.302	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	143386	53.236	ug/l	98
20) Methylene Chloride	2.794	84	50949	47.953	ug/l	90
21) trans-1,2-Dichloroethene	3.099	96	45820	50.365	ug/l	98
22) Diisopropyl ether	3.776	45	155982	52.493	ug/l	92
23) Vinyl Acetate	3.733	43	743156	265.768	ug/l	95
24) 1,1-Dichloroethane	3.617	63	89540	52.940	ug/l	97
25) 2-Butanone	4.568	43	223979	266.316	ug/l	92
26) 2,2-Dichloropropane	4.489	77	58753	45.329	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	54231	50.774	ug/l	98
28) Bromochloromethane	4.904	49	43135	50.453	ug/l	# 77
29) Tetrahydrofuran	5.019	42	130367	264.136	ug/l	88
30) Chloroform	5.105	83	89961	52.959	ug/l	99
31) Cyclohexane	5.477	56	70638	52.728	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	72746	53.992	ug/l	96
36) 1,1-Dichloropropene	5.702	75	66439	52.577	ug/l	95
37) Ethyl Acetate	4.727	43	84043	51.851	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	59595	49.977	ug/l	97
39) Methylcyclohexane	7.385	83	70236	49.661	ug/l	99
40) Benzene	6.044	78	203064	52.070	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	45621	51.155	ug/l	94
42) 1,2-Dichloroethane	6.092	62	75291	52.374	ug/l	98
43) Isopropyl Acetate	6.349	43	138460	52.662	ug/l #	92
44) Trichloroethene	7.135	130	46993	51.072	ug/l	94
45) 1,2-Dichloropropane	7.440	63	53981	53.812	ug/l	96
46) Dibromomethane	7.586	93	35265	51.575	ug/l #	85
47) Bromodichloromethane	7.830	83	65804	49.013	ug/l	98
48) Methyl methacrylate	7.696	41	65024	53.148	ug/l	89
49) 1,4-Dioxane	7.665	88	25633	1035.957	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	448912	274.069	ug/l	90
52) Toluene	8.720	92	124454	50.814	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	73400	45.646	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	81008	47.147	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	51992	54.465	ug/l	100
56) Ethyl methacrylate	9.122	69	85742	48.448	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	91220	52.877	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.251	63	226217	245.147	ug/l	95
59) 2-Hexanone	9.433	43	345432	276.059	ug/l	88
60) Dibromochloromethane	9.525	129	43986	46.414	ug/l	96
61) 1,2-Dibromoethane	9.616	107	53346	53.012	ug/l	100
64) Tetrachloroethene	9.275	164	41027	50.649	ug/l #	87
65) Chlorobenzene	10.086	112	129545	51.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	44725	49.922	ug/l	97
67) Ethyl Benzene	10.195	91	243821	52.702	ug/l	99
68) m/p-Xylenes	10.305	106	180118	107.115	ug/l	97
69) o-Xylene	10.647	106	89659	54.533	ug/l	100
70) Styrene	10.659	104	149414	53.752	ug/l	97
71) Bromoform	10.805	173	26681	45.763	ug/l #	99
73) Isopropylbenzene	10.964	105	234441	53.889	ug/l	98
74) N-amyl acetate	10.848	43	125953	53.960	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	84002	53.643	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	75464m	54.573	ug/l	
77) Bromobenzene	11.201	156	48732	51.990	ug/l	83
78) n-propylbenzene	11.305	91	277958	52.643	ug/l	97
79) 2-Chlorotoluene	11.366	91	166046	52.845	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	196624	52.898	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.025	75	23293	43.581	ug/l	89
82) 4-Chlorotoluene	11.457	91	193860	53.303	ug/l	94
83) tert-Butylbenzene	11.720	119	181215	54.728	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	197890	52.934	ug/l	98
85) sec-Butylbenzene	11.890	105	235389	53.419	ug/l	98
86) p-Isopropyltoluene	12.012	119	197197	54.145	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	92299	50.709	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	93933	49.536	ug/l	97
89) n-Butylbenzene	12.335	91	187465	53.609	ug/l	97
90) Hexachloroethane	12.543	117	27684	46.463	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	91657	53.057	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16768	47.529	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	52988	51.019	ug/l	97
94) Hexachlorobutadiene	13.731	225	18013	48.393	ug/l	97
95) Naphthalene	13.780	128	228531	54.885	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54878	52.869	ug/l	95

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

