

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062321\
 Data File : VX022846.D
 Acq On : 23 Jun 2021 15:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 5:00:05 PM

Quant Time: Jun 24 03:36:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	64646	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	124159	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	49660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58645	49.99	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.98%
35) Dibromofluoromethane	5.397	113	40404	51.25	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.50%
50) Toluene-d8	8.653	98	157160	50.86	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.72%
62) 4-Bromofluorobenzene	11.085	95	58210	50.48	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.96%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	45209	49.57	ug/l	99
3) Chloromethane	1.294	50	47736	47.66	ug/l	100
4) Vinyl Chloride	1.373	62	43677	47.26	ug/l	100
5) Bromomethane	1.599	94	25658	50.39	ug/l	96
6) Chloroethane	1.684	64	28230	49.42	ug/l	99
7) Trichlorofluoromethane	1.886	101	65274	48.62	ug/l	97
8) Diethyl Ether	2.135	74	27472	53.01	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	42119	50.11	ug/l	90
10) Methyl Iodide	2.452	142	40733	41.05	ug/l	92
11) Tert butyl alcohol	2.977	59	62580	255.94	ug/l	98
12) 1,1-Dichloroethene	2.318	96	39499	47.10	ug/l	89
13) Acrolein	2.239	56	36455	239.72	ug/l	99
14) Allyl chloride	2.666	41	79215	49.72	ug/l	96
15) Acrylonitrile	3.068	53	152079	272.08	ug/l	98
16) Acetone	2.385	43	126270	242.78	ug/l	94
17) Carbon Disulfide	2.513	76	98036	43.40	ug/l	100
18) Methyl Acetate	2.709	43	67184	52.49	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	162407	54.00	ug/l	98
20) Methylene Chloride	2.794	84	51649	50.07	ug/l	# 82
21) trans-1,2-Dichloroethene	3.099	96	44829	48.18	ug/l	97
22) Diisopropyl ether	3.769	45	176839	53.36	ug/l	96
23) Vinyl Acetate	3.733	43	787570	283.27	ug/l	94
24) 1,1-Dichloroethane	3.611	63	89730	50.68	ug/l	98
25) 2-Butanone	4.568	43	214718	265.48	ug/l	93
26) 2,2-Dichloropropane	4.483	77	67763	50.43	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	53622	51.93	ug/l	95
28) Bromochloromethane	4.903	49	42370	50.79	ug/l	# 80
29) Tetrahydrofuran	5.013	42	142764	274.42	ug/l	87
30) Chloroform	5.098	83	88236	49.54	ug/l	97
31) Cyclohexane	5.476	56	80154	48.39	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	71366	49.87	ug/l	96
36) 1,1-Dichloropropene	5.702	75	65582	49.73	ug/l	95
37) Ethyl Acetate	4.726	43	85557	56.01	ug/l	# 93
38) Carbon Tetrachloride	5.684	117	57964	52.40	ug/l	98
39) Methylcyclohexane	7.385	83	80070	52.05	ug/l	98
40) Benzene	6.043	78	196804	51.75	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	46086	54.76	ug/l	92
42) 1,2-Dichloroethane	6.092	62	76588	54.74	ug/l	96
43) Isopropyl Acetate	6.348	43	138961	56.58	ug/l #	91
44) Trichloroethene	7.128	130	45575	50.54	ug/l	95
45) 1,2-Dichloropropane	7.433	63	53123	54.16	ug/l	99
46) Dibromomethane	7.586	93	35693	54.85	ug/l #	84
47) Bromodichloromethane	7.823	83	65107	49.28	ug/l	99
48) Methyl methacrylate	7.695	41	65120	57.29	ug/l	87
49) 1,4-Dioxane	7.665	88	27279	1114.87	ug/l #	96
51) 4-Methyl-2-Pentanone	8.579	43	443487	290.14	ug/l	90
52) Toluene	8.720	92	123397	53.68	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	75973	48.66	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	83336	49.95	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	51426	55.76	ug/l	99
56) Ethyl methacrylate	9.122	69	87241	51.17	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	91400	54.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	231475	273.04	ug/l	95
59) 2-Hexanone	9.433	43	334713	288.64	ug/l	88
60) Dibromochloromethane	9.524	129	44309	49.12	ug/l	97
61) 1,2-Dibromoethane	9.616	107	51813	55.31	ug/l	99
64) Tetrachloroethene	9.274	164	40002	48.05	ug/l #	87
65) Chlorobenzene	10.085	112	125016	50.11	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	42332	52.51	ug/l	97
67) Ethyl Benzene	10.195	91	232311	50.57	ug/l	99
68) m/p-Xylenes	10.305	106	171096	100.30	ug/l	95
69) o-Xylene	10.646	106	83188	50.11	ug/l	95
70) Styrene	10.658	104	144009	52.26	ug/l	97
71) Bromoform	10.805	173	26248	45.76	ug/l #	98
73) Isopropylbenzene	10.963	105	216829	51.60	ug/l	99
74) N-amyl acetate	10.847	43	120322	50.70	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	80257	55.61	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73740m	56.22	ug/l	
77) Bromobenzene	11.201	156	45116	51.63	ug/l	82
78) n-propylbenzene	11.305	91	268992	52.91	ug/l	96
79) 2-Chlorotoluene	11.366	91	157963	51.46	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	188181	54.54	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	23869	49.26	ug/l	88
82) 4-Chlorotoluene	11.457	91	182794	51.53	ug/l	95
83) tert-Butylbenzene	11.719	119	167355	51.36	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	186746	53.78	ug/l	97
85) sec-Butylbenzene	11.896	105	232904	53.00	ug/l	96
86) p-Isopropyltoluene	12.012	119	183816	52.64	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	87816	52.09	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	89202	50.60	ug/l	95
89) n-Butylbenzene	12.335	91	181578	54.69	ug/l	96
90) Hexachloroethane	12.542	117	30108	46.87	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	85489	51.96	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	16678	49.01	ug/l	72
93) 1,2,4-Trichlorobenzene	13.591	180	49945	54.73	ug/l	96
94) Hexachlorobutadiene	13.731	225	18875	52.79	ug/l	100
95) Naphthalene	13.780	128	206439	50.96	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49437	53.79	ug/l	95

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

