

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052721\
 Data File : VX022212.D
 Acq On : 26 May 2021 21:01
 Operator : JC/MD
 Sample : M2526-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20210525MS

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 2:34:28 PM

Quant Time: May 27 04:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	74508	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	150667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61926	53.88	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.76%			
35) Dibromofluoromethane	5.391	113	46588	48.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.52%			
50) Toluene-d8	8.652	98	182320	49.54	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.08%			
62) 4-Bromofluorobenzene	11.085	95	68529	50.37	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	44613	49.25	ug/l	99
3) Chloromethane	1.294	50	46972	48.08	ug/l	99
4) Vinyl Chloride	1.373	62	50341	48.69	ug/l	100
5) Bromomethane	1.599	94	24350	40.40	ug/l	98
6) Chloroethane	1.678	64	31590	51.32	ug/l	97
7) Trichlorofluoromethane	1.885	101	74394	50.05	ug/l	92
8) Diethyl Ether	2.135	74	31485	49.25	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.324	101	44134	50.00	ug/l	91
10) Methyl Iodide	2.452	142	45012	47.45	ug/l	94
11) Tert butyl alcohol	2.983	59	75864	288.59	ug/l	99
12) 1,1-Dichloroethene	2.318	96	44543	52.16	ug/l	98
13) Acrolein	2.239	56	44347	254.36	ug/l	100
14) Allyl chloride	2.666	41	81661	52.07	ug/l	97
15) Acrylonitrile	3.074	53	149613	289.09	ug/l	99
16) Acetone	2.391	43	139318	278.38	ug/l	97
17) Carbon Disulfide	2.513	76	96366	43.09	ug/l	99
18) Methyl Acetate	2.715	43	71944	54.05	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	157256	53.76	ug/l	99
20) Methylene Chloride	2.794	84	55402	49.86	ug/l	92
21) trans-1,2-Dichloroethene	3.092	96	49112	52.87	ug/l	98
22) Diisopropyl ether	3.769	45	163189	54.02	ug/l	97
23) Vinyl Acetate	3.733	43	721007	247.89	ug/l	96
24) 1,1-Dichloroethane	3.617	63	95721	54.00	ug/l	99
25) 2-Butanone	4.568	43	233054	287.85	ug/l	92
26) 2,2-Dichloropropane	4.482	77	60121	38.20	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	60997	54.00	ug/l	98
28) Bromochloromethane	4.909	49	44292	51.50	ug/l	83
29) Tetrahydrofuran	5.019	42	137517	285.37	ug/l	91
30) Chloroform	5.104	83	97673	53.32	ug/l	98
31) Cyclohexane	5.470	56	70426	48.76	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	84490	53.98	ug/l	99
36) 1,1-Dichloropropene	5.702	75	69367	49.79	ug/l	98
37) Ethyl Acetate	4.726	43	82035	48.03	ug/l	95
38) Carbon Tetrachloride	5.684	117	68925	50.57	ug/l	96
39) Methylcyclohexane	7.384	83	73089	46.26	ug/l	99
40) Benzene	6.043	78	220749	51.50	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	48763	53.37	ug/l	95
42) 1,2-Dichloroethane	6.098	62	79423	52.89	ug/l	98
43) Isopropyl Acetate	6.354	43	140579	50.32	ug/l	95
44) Trichloroethene	7.128	130	52519	49.30	ug/l	100
45) 1,2-Dichloropropane	7.439	63	58783	53.76	ug/l	99
46) Dibromomethane	7.586	93	39005	52.58	ug/l #	87
47) Bromodichloromethane	7.829	83	75679	50.98	ug/l	99
48) Methyl methacrylate	7.701	41	68097	52.90	ug/l	92
49) 1,4-Dioxane	7.665	88	30098	1200.78	ug/l	98
51) 4-Methyl-2-Pentanone	8.579	43	471000	281.47	ug/l	92
52) Toluene	8.720	92	137909	50.80	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	83644	48.81	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	90189	48.95	ug/l	96
55) 1,1,2-Trichloroethane	9.158	97	59150	53.67	ug/l	97
56) Ethyl methacrylate	9.122	69	95740	53.75	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	100457	53.39	ug/l	97
59) 2-Hexanone	9.433	43	360072	286.11	ug/l	92
60) Dibromochloromethane	9.524	129	55679	51.93	ug/l	99
61) 1,2-Dibromoethane	9.616	107	58976	53.75	ug/l	99
64) Tetrachloroethene	9.274	164	43717	48.48	ug/l	89
65) Chlorobenzene	10.085	112	145959	51.05	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	51236	51.57	ug/l	98
67) Ethyl Benzene	10.195	91	269008	51.15	ug/l	98
68) m/p-Xylenes	10.305	106	201861	101.55	ug/l	100
69) o-Xylene	10.646	106	100250	51.85	ug/l	99
70) Styrene	10.658	104	166809	52.67	ug/l	98
71) Bromoform	10.805	173	34325	45.22	ug/l #	97
73) Isopropylbenzene	10.963	105	259079	49.03	ug/l	99
74) N-amyl acetate	10.847	43	121912	48.61	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	93786	53.55	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	81879m	53.16	ug/l	
77) Bromobenzene	11.201	156	57035	50.91	ug/l	88
78) n-propylbenzene	11.304	91	308339	49.82	ug/l	98
79) 2-Chlorotoluene	11.365	91	182591	48.64	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	221312	50.53	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	28565	43.94	ug/l	97
82) 4-Chlorotoluene	11.457	91	213458	49.36	ug/l	97
83) tert-Butylbenzene	11.719	119	208545	49.65	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	223023	50.59	ug/l	99
85) sec-Butylbenzene	11.896	105	265221	49.69	ug/l	99
86) p-Isopropyltoluene	12.012	119	223509	49.58	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	106436	49.27	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	108227	48.47	ug/l	97
89) n-Butylbenzene	12.335	91	201747	48.38	ug/l	99
90) Hexachloroethane	12.542	117	36232	48.63	ug/l	74
91) 1,2-Dichlorobenzene	12.335	146	106770	51.46	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	20589	54.94	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	60145	48.04	ug/l	95
94) Hexachlorobutadiene	13.725	225	22311	45.66	ug/l	99
95) Naphthalene	13.780	128	264736	54.22	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	63439	50.27	ug/l	96

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

