

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022264.D
 Acq On : 28 May 2021 20:47
 Operator : JC/MD
 Sample : VX0529WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/2/2021 2:28:09 PM

Quant Time: May 29 04:16:56 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	73818	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	147668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59949	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61557	54.06	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.12%			
35) Dibromofluoromethane	5.397	113	45935	49.05	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.10%			
50) Toluene-d8	8.653	98	178162	49.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.78%			
62) 4-Bromofluorobenzene	11.085	95	65698	49.27	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.54%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	15839	17.65	ug/l	92
3) Chloromethane	1.294	50	16479	17.02	ug/l	96
4) Vinyl Chloride	1.374	62	18513	18.07	ug/l	100
5) Bromomethane	1.599	94	10472	17.54	ug/l	97
6) Chloroethane	1.685	64	11176	18.32	ug/l	# 86
7) Trichlorofluoromethane	1.886	101	27250	18.50	ug/l	97
8) Diethyl Ether	2.136	74	11956	18.88	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	16678	19.07	ug/l	89
10) Methyl Iodide	2.453	142	16341	17.39	ug/l	95
11) Tert butyl alcohol	2.977	59	29127	111.84	ug/l	99
12) 1,1-Dichloroethene	2.319	96	16341	19.31	ug/l	94
13) Acrolein	2.239	56	14648	84.80	ug/l	95
14) Allyl chloride	2.666	41	29284	18.85	ug/l	97
15) Acrylonitrile	3.075	53	55049	107.36	ug/l	99
16) Acetone	2.386	43	49852	100.54	ug/l	97
17) Carbon Disulfide	2.514	76	30057	13.56	ug/l	97
18) Methyl Acetate	2.709	43	29099	22.07	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	59390	20.49	ug/l	98
20) Methylene Chloride	2.794	84	21008	19.08	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	18431	20.03	ug/l	93
22) Diisopropyl ether	3.770	45	60654	20.27	ug/l	# 95
23) Vinyl Acetate	3.727	43	285990	99.25	ug/l	95
24) 1,1-Dichloroethane	3.617	63	34926	19.89	ug/l	97
25) 2-Butanone	4.568	43	86663	108.04	ug/l	94
26) 2,2-Dichloropropane	4.477	77	26071	16.72	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	22324	19.95	ug/l	100
28) Bromochloromethane	4.904	49	17638	20.70	ug/l	# 79
29) Tetrahydrofuran	5.013	42	51165	107.17	ug/l	90
30) Chloroform	5.099	83	36233	19.97	ug/l	99
31) Cyclohexane	5.471	56	25807	18.04	ug/l	88
32) 1,1,1-Trichloroethane	5.397	97	29410	18.97	ug/l	97
36) 1,1-Dichloropropene	5.696	75	25366	18.58	ug/l	97
37) Ethyl Acetate	4.727	43	32220	19.25	ug/l	96
38) Carbon Tetrachloride	5.684	117	23913	17.90	ug/l	96
39) Methylcyclohexane	7.385	83	25988	16.78	ug/l	99
40) Benzene	6.044	78	80831	19.24	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	17537	19.58	ug/l	94
42) 1,2-Dichloroethane	6.092	62	29025	19.72	ug/l	99
43) Isopropyl Acetate	6.348	43	53668	19.60	ug/l	94
44) Trichloroethene	7.129	130	18916	18.12	ug/l	99
45) 1,2-Dichloropropane	7.434	63	20904	19.50	ug/l	99
46) Dibromomethane	7.586	93	13960	19.20	ug/l #	88
47) Bromodichloromethane	7.830	83	25786	17.72	ug/l	94
48) Methyl methacrylate	7.696	41	24834	19.68	ug/l	90
49) 1,4-Dioxane	7.665	88	10771	438.44	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	171418	104.52	ug/l	92
52) Toluene	8.720	92	50042	18.81	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	29644	17.65	ug/l	94
54) cis-1,3-Dichloropropene	8.372	75	32130	17.79	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	21219	19.65	ug/l	96
56) Ethyl methacrylate	9.122	69	33522	19.20	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	37445	20.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	87512	92.69	ug/l	97
59) 2-Hexanone	9.433	43	132007	107.02	ug/l	90
60) Dibromochloromethane	9.525	129	17868	17.00	ug/l	98
61) 1,2-Dibromoethane	9.610	107	20769	19.31	ug/l	100
64) Tetrachloroethene	9.281	164	16749	19.00	ug/l	94
65) Chlorobenzene	10.086	112	51867	18.56	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	18190	18.73	ug/l	98
67) Ethyl Benzene	10.195	91	96769	18.82	ug/l	99
68) m/p-Xylenes	10.305	106	71258	36.68	ug/l	97
69) o-Xylene	10.646	106	35474	18.77	ug/l	100
70) Styrene	10.659	104	58338	18.85	ug/l	97
71) Bromoform	10.805	173	10354	14.93	ug/l #	98
73) Isopropylbenzene	10.963	105	92643	18.26	ug/l	99
74) N-amyl acetate	10.848	43	45332	18.82	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	32854	19.54	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	30479m	20.61	ug/l	
77) Bromobenzene	11.201	156	19858	18.46	ug/l	86
78) n-propylbenzene	11.305	91	109684	18.46	ug/l	98
79) 2-Chlorotoluene	11.366	91	65986	18.31	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	77815	18.50	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	9185	14.71	ug/l	90
82) 4-Chlorotoluene	11.457	91	75244	18.12	ug/l	97
83) tert-Butylbenzene	11.719	119	74591	18.49	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	79795	18.85	ug/l	98
85) sec-Butylbenzene	11.896	105	94176	18.38	ug/l	98
86) p-Isopropyltoluene	12.012	119	78571	18.15	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	36913	17.80	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	38526	17.97	ug/l	96
89) n-Butylbenzene	12.335	91	70573	17.62	ug/l	99
90) Hexachloroethane	12.542	117	11114	15.54	ug/l	72
91) 1,2-Dichlorobenzene	12.341	146	38156	19.15	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6508	18.08	ug/l	81
93) 1,2,4-Trichlorobenzene	13.591	180	20812	17.31	ug/l	97
94) Hexachlorobutadiene	13.731	225	7884	16.80	ug/l	95
95) Naphthalene	13.780	128	90790	19.36	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22413	18.49	ug/l	97

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

