

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016499.D
 Acq On : 28 May 2020 20:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:55 AM

Quant Time: May 29 04:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	291877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184006	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.47	113	146994	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.70	98	573424	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.12	95	218582	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148897	51.837	ug/l	97
3) Chloromethane	1.31	50	181588	52.313	ug/l	99
4) Vinyl Chloride	1.39	62	190751	51.964	ug/l	100
5) Bromomethane	1.62	94	93184	52.208	ug/l	100
6) Chloroethane	1.70	64	114674	53.553	ug/l	98
7) Trichlorofluoromethane	1.91	101	249393	51.732	ug/l	98
8) Diethyl Ether	2.17	74	102943	51.210	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130992	49.370	ug/l	99
10) Methyl Iodide	2.49	142	154918	48.940	ug/l	100
11) Tert butyl alcohol	3.02	59	238140	256.204	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145357	51.756	ug/l	98
13) Acrolein	2.27	56	108842	275.274	ug/l	98
14) Allyl chloride	2.70	41	267275	51.748	ug/l	99
15) Acrylonitrile	3.12	53	511644	268.719	ug/l	99
16) Acetone	2.42	43	421531	265.435	ug/l	100
17) Carbon Disulfide	2.55	76	425263	50.990	ug/l	100
18) Methyl Acetate	2.75	43	219556	53.904	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	540780	53.623	ug/l	100
20) Methylene Chloride	2.83	84	168559	51.301	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	162977	52.463	ug/l	96
22) Diisopropyl ether	3.82	45	527044	53.118	ug/l	99
23) Vinyl Acetate	3.78	43	2379348	273.966	ug/l	100
24) 1,1-Dichloroethane	3.67	63	296272	52.904	ug/l	99
25) 2-Butanone	4.64	43	721923	268.279	ug/l	99
26) 2,2-Dichloropropane	4.55	77	212809	46.439	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	185667	51.663	ug/l	99
28) Bromochloromethane	4.98	49	135632	52.118	ug/l	99
29) Tetrahydrofuran	5.09	42	472771	271.946	ug/l	99
30) Chloroform	5.18	83	294444	52.181	ug/l	98
31) Cyclohexane	5.55	56	249298	49.482	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	268740	52.605	ug/l	98
36) 1,1-Dichloropropene	5.77	75	223098	49.455	ug/l	99
37) Ethyl Acetate	4.80	43	274302	50.647	ug/l	99
38) Carbon Tetrachloride	5.76	117	231732	48.882	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	242899	49.573	ug/l	98
40) Benzene	6.12	78	678337	50.495	ug/l	100
41) Methacrylonitrile	5.01	41	148081	49.777	ug/l	100
42) 1,2-Dichloroethane	6.17	62	236182	49.437	ug/l	99
43) Isopropyl Acetate	6.42	43	432898	51.243	ug/l	99
44) Trichloroethene	7.19	130	204446	47.967	ug/l	99
45) 1,2-Dichloropropane	7.49	63	175094	51.198	ug/l	99
46) Dibromomethane	7.64	93	114983	50.056	ug/l	100
47) Bromodichloromethane	7.88	83	239975	50.454	ug/l	99
48) Methyl methacrylate	7.74	41	208402	51.523	ug/l	98
49) 1,4-Dioxane	7.71	88	89460	945.068	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1372473	260.918	ug/l	99
52) Toluene	8.77	92	432945	51.107	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	278010	51.404	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	291054	50.843	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	171480	50.912	ug/l	97
56) Ethyl methacrylate	9.16	69	290202	52.903	ug/l	100
57) 1,3-Dichloropropane	9.35	76	293798	50.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	734954	256.688	ug/l	100
59) 2-Hexanone	9.48	43	1076903	263.262	ug/l	99
60) Dibromochloromethane	9.57	129	193637	51.086	ug/l	100
61) 1,2-Dibromoethane	9.65	107	184701	51.209	ug/l	99
64) Tetrachloroethene	9.32	164	227603	46.377	ug/l	99
65) Chlorobenzene	10.12	112	457464	51.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	173543	50.836	ug/l	99
67) Ethyl Benzene	10.24	91	796612	50.031	ug/l	99
68) m/p-Xylenes	10.34	106	596463	101.034	ug/l	99
69) o-Xylene	10.68	106	290230	50.763	ug/l	98
70) Styrene	10.70	104	514749	52.379	ug/l	100
71) Bromoform	10.84	173	151660	52.566	ug/l #	100
73) Isopropylbenzene	11.00	105	765065	51.121	ug/l	100
74) N-amyl acetate	10.88	43	372503	54.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	212317	56.607	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	252056m	53.091	ug/l	
77) Bromobenzene	11.24	156	200338	51.038	ug/l	100
78) n-propylbenzene	11.34	91	864784	51.721	ug/l	99
79) 2-Chlorotoluene	11.40	91	524611	51.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	648860	51.925	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97587	50.562	ug/l	99
82) 4-Chlorotoluene	11.49	91	624577	51.823	ug/l	99
83) tert-Butylbenzene	11.76	119	567244	53.125	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	654676	51.804	ug/l	100
85) sec-Butylbenzene	11.93	105	709491	52.969	ug/l	100
86) p-Isopropyltoluene	12.05	119	669614	53.368	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	345693	50.834	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	349430	50.241	ug/l	98
89) n-Butylbenzene	12.37	91	566750	54.230	ug/l	100
90) Hexachloroethane	12.58	117	114723	52.935	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	337237	51.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64270	52.902	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237625	54.306	ug/l	98
94) Hexachlorobutadiene	13.77	225	87720	51.059	ug/l	99
95) Naphthalene	13.82	128	787246	52.481	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	228671	53.342	ug/l	99

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

