

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051920\
 Data File : VX016348.D
 Acq On : 19 May 2020 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:12:04 PM

Quant Time: May 20 07:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	266187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	440517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186425	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	159786	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
35) Dibromofluoromethane	5.47	113	131139	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	8.70	98	494527	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	11.12	95	191458	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136146	48.321	ug/l	100
3) Chloromethane	1.31	50	150752	46.072	ug/l	99
4) Vinyl Chloride	1.39	62	168674	48.317	ug/l	99
5) Bromomethane	1.62	94	65334	37.122	ug/l	96
6) Chloroethane	1.70	64	102890	48.440	ug/l	97
7) Trichlorofluoromethane	1.91	101	218750	47.730	ug/l	99
8) Diethyl Ether	2.17	74	96698	50.075	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119644	45.248	ug/l	99
10) Methyl Iodide	2.49	142	137054	38.588	ug/l	99
11) Tert butyl alcohol	3.02	59	211689	238.993	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132614	47.926	ug/l	99
13) Acrolein	2.27	56	155471	280.494	ug/l	99
14) Allyl chloride	2.70	41	232848	45.895	ug/l	94
15) Acrylonitrile	3.12	53	470487	256.047	ug/l	98
16) Acetone	2.42	43	366514	234.510	ug/l	94
17) Carbon Disulfide	2.55	76	351077	42.218	ug/l	99
18) Methyl Acetate	2.75	43	251182	65.365	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	497727	52.179	ug/l	98
20) Methylene Chloride	2.83	84	154788	48.043	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	147314	47.775	ug/l	95
22) Diisopropyl ether	3.82	45	466287	48.716	ug/l	95
23) Vinyl Acetate	3.79	43	1907623	226.536	ug/l	98
24) 1,1-Dichloroethane	3.67	63	271432	50.695	ug/l	99
25) 2-Butanone	4.64	43	630336	250.287	ug/l	96
26) 2,2-Dichloropropane	4.55	77	207733	42.483	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	172003	51.024	ug/l	95
28) Bromochloromethane	4.98	49	115415	47.273	ug/l	94
29) Tetrahydrofuran	5.09	42	410392	245.930	ug/l	95
30) Chloroform	5.18	83	272558	51.126	ug/l	98
31) Cyclohexane	5.55	56	191983	39.454	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240608	49.653	ug/l	98
36) 1,1-Dichloropropene	5.77	75	197920	45.643	ug/l	99
37) Ethyl Acetate	4.79	43	230142	45.792	ug/l	98
38) Carbon Tetrachloride	5.76	117	204676	46.438	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	166261	31.838	ug/l	99
40) Benzene	6.12	78	622193	49.039	ug/l	100
41) Methacrylonitrile	5.01	41	128281	47.263	ug/l	96
42) 1,2-Dichloroethane	6.17	62	212143	46.415	ug/l	98
43) Isopropyl Acetate	6.42	43	366762	45.737	ug/l	97
44) Trichloroethene	7.19	130	193073	42.834	ug/l	96
45) 1,2-Dichloropropane	7.49	63	162087	50.488	ug/l	100
46) Dibromomethane	7.64	93	107259	49.163	ug/l	99
47) Bromodichloromethane	7.88	83	223908	50.391	ug/l	99
48) Methyl methacrylate	7.75	41	179981	47.367	ug/l	93
49) 1,4-Dioxane	7.71	88	82592	906.302	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1196638	243.857	ug/l	96
52) Toluene	8.77	92	391116	49.455	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	255549	48.236	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	269622	48.724	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	159536	51.273	ug/l	100
56) Ethyl methacrylate	9.16	69	268247	52.816	ug/l	92
57) 1,3-Dichloropropane	9.35	76	274298	50.523	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	628699	232.517	ug/l	99
59) 2-Hexanone	9.48	43	927683	240.727	ug/l	95
60) Dibromochloromethane	9.57	129	179583	52.405	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170262	50.519	ug/l	100
64) Tetrachloroethene	9.32	164	200247	40.325	ug/l	98
65) Chlorobenzene	10.12	112	416998	49.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	160167	51.162	ug/l	99
67) Ethyl Benzene	10.24	91	698078	46.192	ug/l	99
68) m/p-Xylenes	10.34	106	528158	93.280	ug/l	100
69) o-Xylene	10.68	106	256423	47.114	ug/l	99
70) Styrene	10.70	104	469083	50.803	ug/l	99
71) Bromoform	10.84	173	138192	54.181	ug/l #	98
73) Isopropylbenzene	11.01	105	627821	46.301	ug/l	99
74) N-amyl acetate	10.88	43	298281	47.161	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	193319	69.261	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229615m	54.277	ug/l	
77) Bromobenzene	11.24	156	181768	51.935	ug/l	98
78) n-propylbenzene	11.35	91	701948	44.499	ug/l	100
79) 2-Chlorotoluene	11.41	91	452652	48.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	511749	44.700	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	93010	52.394	ug/l	95
82) 4-Chlorotoluene	11.49	91	531950	48.379	ug/l	98
83) tert-Butylbenzene	11.76	119	428754	43.456	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	534016	46.137	ug/l	98
85) sec-Butylbenzene	11.93	105	514133	38.594	ug/l	100
86) p-Isopropyltoluene	12.05	119	483370	39.081	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	295600	47.038	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	301439	47.260	ug/l	100
89) n-Butylbenzene	12.37	91	392347	34.724	ug/l	100
90) Hexachloroethane	12.58	117	83925	39.510	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	295758	48.877	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59046	52.958	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	176786	39.461	ug/l	99
94) Hexachlorobutadiene	13.77	225	55436	28.959	ug/l	97
95) Naphthalene	13.82	128	687484	47.392	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	173938	39.727	ug/l	99

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

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