

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052920\
 Data File : VX016504.D
 Acq On : 29 May 2020 12:38
 Operator : JC/SP
 Sample : VX0529WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:28:11 PM

Quant Time: May 30 01:54:21 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	5.62	168	298011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	461591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173043	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	5.46	113	133427	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	8.70	98	534765	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.12	95	196451	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	51772	17.65	ug/l	94
3) Chloromethane	1.31	50	60799	17.15	ug/l	100
4) Vinyl Chloride	1.39	62	64541	17.22	ug/l	100
5) Bromomethane	1.63	94	40590	22.27	ug/l	99
6) Chloroethane	1.71	64	39633	18.13	ug/l	100
7) Trichlorofluoromethane	1.92	101	87268	17.73	ug/l	98
8) Diethyl Ether	2.17	74	36982	18.02	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48142	17.77	ug/l	99
10) Methyl Iodide	2.49	142	50187	17.61	ug/l	100
11) Tert butyl alcohol	3.01	59	81053	85.41	ug/l	100
12) 1,1-Dichloroethene	2.36	96	49576	17.29	ug/l	94
13) Acrolein	2.27	56	36796	91.15	ug/l	96
14) Allyl chloride	2.70	41	90857	17.23	ug/l	98
15) Acrylonitrile	3.11	53	173984	89.50	ug/l	99
16) Acetone	2.42	43	145428	89.69	ug/l	98
17) Carbon Disulfide	2.55	76	146228	17.17	ug/l	99
18) Methyl Acetate	2.75	43	75049	18.05	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	189648	18.42	ug/l	99
20) Methylene Chloride	2.83	84	58314	17.38	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	56383	17.78	ug/l	95
22) Diisopropyl ether	3.82	45	184375	18.20	ug/l	96
23) Vinyl Acetate	3.78	43	815121	91.92	ug/l	99
24) 1,1-Dichloroethane	3.67	63	102957	18.01	ug/l	99
25) 2-Butanone	4.63	43	242959	88.43	ug/l	100
26) 2,2-Dichloropropane	4.55	77	89803	19.19	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	65925	17.97	ug/l	99
28) Bromochloromethane	4.98	49	48880	18.40	ug/l	98
29) Tetrahydrofuran	5.09	42	161882	91.20	ug/l	99
30) Chloroform	5.18	83	103180	17.91	ug/l	96
31) Cyclohexane	5.55	56	89962	17.49	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92234	17.68	ug/l	100
36) 1,1-Dichloropropene	5.77	75	77025	17.62	ug/l	98
37) Ethyl Acetate	4.79	43	92311	17.59	ug/l	97
38) Carbon Tetrachloride	5.75	117	81615	17.77	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	87832	18.50	ug/l	99
40) Benzene	6.11	78	234281	18.00	ug/l	100
41) Methacrylonitrile	5.00	41	51570	17.89	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84280	18.21	ug/l	99
43) Isopropyl Acetate	6.41	43	147539	18.03	ug/l	99
44) Trichloroethene	7.19	130	75601	18.31	ug/l	98
45) 1,2-Dichloropropane	7.49	63	60576	18.28	ug/l	99
46) Dibromomethane	7.63	93	40257	18.09	ug/l	99
47) Bromodichloromethane	7.87	83	82761	17.96	ug/l	99
48) Methyl methacrylate	7.74	41	69136	17.64	ug/l	98
49) 1,4-Dioxane	7.71	88	31131	339.46	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	466081	91.46	ug/l	100
52) Toluene	8.76	92	149119	18.17	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	95988	18.32	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	102469	18.48	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	60268	18.47	ug/l	97
56) Ethyl methacrylate	9.16	69	96818	18.22	ug/l	100
57) 1,3-Dichloropropane	9.35	76	104193	18.60	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	255250	92.02	ug/l	99
59) 2-Hexanone	9.47	43	360793	91.04	ug/l	100
60) Dibromochloromethane	9.57	129	66177	18.02	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64296	18.40	ug/l	100
64) Tetrachloroethene	9.32	164	86153	18.29	ug/l	98
65) Chlorobenzene	10.12	112	156892	18.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	60397	18.43	ug/l	98
67) Ethyl Benzene	10.23	91	277162	18.13	ug/l	99
68) m/p-Xylenes	10.34	106	207793	36.67	ug/l	98
69) o-Xylene	10.68	106	102379	18.65	ug/l	97
70) Styrene	10.70	104	172215	18.26	ug/l	99
71) Bromoform	10.84	173	50092	18.09	ug/l	98
73) Isopropylbenzene	11.00	105	268242	18.62	ug/l	100
74) N-amyl acetate	10.88	43	121961	18.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	64607	17.89	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	85851m	18.78	ug/l	
77) Bromobenzene	11.24	156	69422	18.37	ug/l	99
78) n-propylbenzene	11.34	91	298558	18.55	ug/l	100
79) 2-Chlorotoluene	11.40	91	184210	18.75	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	221390	18.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	34331	18.48	ug/l	99
82) 4-Chlorotoluene	11.49	91	213349	18.39	ug/l	100
83) tert-Butylbenzene	11.76	119	188612	18.35	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	223764	18.39	ug/l	99
85) sec-Butylbenzene	11.93	105	238371	18.48	ug/l	100
86) p-Isopropyltoluene	12.05	119	225302	18.65	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	118858	18.15	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	120858	18.05	ug/l	98
89) n-Butylbenzene	12.37	91	188354	18.72	ug/l	98
90) Hexachloroethane	12.58	117	36332	17.41	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	112927	17.80	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20393	17.44	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	78321	18.59	ug/l	99
94) Hexachlorobutadiene	13.77	225	34521	20.87	ug/l	99
95) Naphthalene	13.82	128	266008	18.42	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	78401	19.00	ug/l	96

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

