

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052820\
 Data File : VX016475.D
 Acq On : 28 May 2020 11:21
 Operator : JC/SP
 Sample : VX0528WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0528WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:41 AM

Quant Time: May 29 03:46:18 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	327322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	517995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	475305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196795	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.46	113	155694	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.70	98	615532	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	223244	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	61968	19.238	ug/l 98
3) Chloromethane	1.31	50	76433	19.635	ug/l 99
4) Vinyl Chloride	1.39	62	79455	19.301	ug/l 98
5) Bromomethane	1.63	94	47328	23.645	ug/l 99
6) Chloroethane	1.72	64	47799	19.905	ug/l 98
7) Trichlorofluoromethane	1.92	101	102539	18.966	ug/l 99
8) Diethyl Ether	2.17	74	43283	19.200	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56097	18.853	ug/l 97
10) Methyl Iodide	2.49	142	56171	17.891	ug/l 99
11) Tert butyl alcohol	3.01	59	93511	89.710	ug/l 99
12) 1,1-Dichloroethene	2.36	96	60014	19.055	ug/l 95
13) Acrolein	2.27	56	41464	93.511	ug/l 97
14) Allyl chloride	2.71	41	113736	19.636	ug/l 100
15) Acrylonitrile	3.12	53	201825	94.521	ug/l 99
16) Acetone	2.42	43	165428	92.888	ug/l 99
17) Carbon Disulfide	2.55	76	178339	19.068	ug/l 99
18) Methyl Acetate	2.75	43	88184	19.306	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	219874	19.441	ug/l 100
20) Methylene Chloride	2.84	84	70730	19.196	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	67556	19.392	ug/l 96
22) Diisopropyl ether	3.82	45	221378	19.896	ug/l 99
23) Vinyl Acetate	3.79	43	969600	99.553	ug/l 100
24) 1,1-Dichloroethane	3.67	63	122155	19.451	ug/l 98
25) 2-Butanone	4.64	43	284182	94.171	ug/l 99
26) 2,2-Dichloropropane	4.56	77	107673	20.952	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	76986	19.102	ug/l 99
28) Bromochloromethane	4.98	49	61273	20.995	ug/l 98
29) Tetrahydrofuran	5.09	42	187439	96.143	ug/l 99
30) Chloroform	5.18	83	120676	19.070	ug/l 98
31) Cyclohexane	5.55	56	104630	18.519	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	108370	18.916	ug/l 99
36) 1,1-Dichloropropene	5.78	75	91744	18.706	ug/l 98
37) Ethyl Acetate	4.79	43	109356	18.572	ug/l 98
38) Carbon Tetrachloride	5.76	117	93793	18.198	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	99754	18.726	ug/l	99
40) Benzene	6.12	78	280584	19.211	ug/l	99
41) Methacrylonitrile	5.00	41	59938	18.532	ug/l	99
42) 1,2-Dichloroethane	6.17	62	97690	18.808	ug/l	99
43) Isopropyl Acetate	6.42	43	174634	19.014	ug/l	99
44) Trichloroethene	7.19	130	87330	18.846	ug/l	100
45) 1,2-Dichloropropane	7.49	63	71575	19.250	ug/l	99
46) Dibromomethane	7.64	93	47114	18.865	ug/l	99
47) Bromodichloromethane	7.88	83	96249	18.613	ug/l	99
48) Methyl methacrylate	7.74	41	82503	18.761	ug/l	99
49) 1,4-Dioxane	7.71	88	35397	343.948	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	549872	96.151	ug/l	100
52) Toluene	8.77	92	178292	19.359	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	112339	19.105	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	119977	19.277	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	69390	18.949	ug/l	98
56) Ethyl methacrylate	9.16	69	115906	19.435	ug/l	99
57) 1,3-Dichloropropane	9.35	76	120886	19.233	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	290367	93.279	ug/l	100
59) 2-Hexanone	9.48	43	421115	94.690	ug/l	100
60) Dibromochloromethane	9.57	129	75889	18.416	ug/l	100
61) 1,2-Dibromoethane	9.65	107	73783	18.816	ug/l	100
64) Tetrachloroethene	9.32	164	98790	18.578	ug/l	96
65) Chlorobenzene	10.12	112	184597	19.050	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	67752	18.316	ug/l	99
67) Ethyl Benzene	10.24	91	322239	18.678	ug/l	99
68) m/p-Xylenes	10.34	106	243251	38.027	ug/l	100
69) o-Xylene	10.68	106	116783	18.851	ug/l	98
70) Styrene	10.70	104	203822	19.141	ug/l	99
71) Bromoform	10.84	173	57563	18.413	ug/l #	99
73) Isopropylbenzene	11.00	105	306250	19.636	ug/l	100
74) N-amyl acetate	10.88	43	145949	20.345	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	75286	19.261	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	97763m	19.759	ug/l	
77) Bromobenzene	11.24	156	79857	19.522	ug/l	100
78) n-propylbenzene	11.34	91	337440	19.366	ug/l	100
79) 2-Chlorotoluene	11.40	91	208114	19.567	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	250068	19.203	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	39349	19.563	ug/l	99
82) 4-Chlorotoluene	11.49	91	243247	19.367	ug/l	100
83) tert-Butylbenzene	11.76	119	212287	19.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	250153	18.994	ug/l	100
85) sec-Butylbenzene	11.93	105	270604	19.386	ug/l	99
86) p-Isopropyltoluene	12.05	119	253868	19.415	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134478	18.976	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	137927	19.029	ug/l	98
89) n-Butylbenzene	12.37	91	213404	19.594	ug/l	100
90) Hexachloroethane	12.58	117	42730	18.919	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	131850	19.203	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23695	18.715	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	88141	19.329	ug/l	100
94) Hexachlorobutadiene	13.77	225	35472	19.813	ug/l	98
95) Naphthalene	13.82	128	308381	19.727	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	88306	19.767	ug/l	96

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

