

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016271.D
 Acq On : 15 May 2020 11:38
 Operator : JC/SP
 Sample : VX0515WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:42 PM

Quant Time: May 16 07:23:28 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	273878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200302	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	160251	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	
35) Dibromofluoromethane	5.46	113	127961	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
50) Toluene-d8	8.70	98	508387	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.12	95	187949	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50622	17.462	ug/l	98
3) Chloromethane	1.31	50	56045	16.647	ug/l	99
4) Vinyl Chloride	1.39	62	59727	16.629	ug/l	99
5) Bromomethane	1.63	94	37775	20.861	ug/l	100
6) Chloroethane	1.71	64	36772	16.826	ug/l	98
7) Trichlorofluoromethane	1.92	101	79451	16.849	ug/l	98
8) Diethyl Ether	2.17	74	33323	16.772	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46270	17.007	ug/l	99
10) Methyl Iodide	2.49	142	47325	12.950	ug/l	99
11) Tert butyl alcohol	3.01	59	73091	80.201	ug/l	100
12) 1,1-Dichloroethene	2.36	96	45790	16.084	ug/l	98
13) Acrolein	2.27	56	36594	64.167	ug/l	98
14) Allyl chloride	2.71	41	84416	16.171	ug/l	95
15) Acrylonitrile	3.11	53	157906	83.522	ug/l	100
16) Acetone	2.42	43	119982	74.613	ug/l	96
17) Carbon Disulfide	2.55	76	133536	15.476	ug/l	99
18) Methyl Acetate	2.75	43	70000	17.704	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	173217	17.649	ug/l	98
20) Methylene Chloride	2.83	84	55938	16.874	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	52076	16.414	ug/l	98
22) Diisopropyl ether	3.82	45	169228	17.184	ug/l	93
23) Vinyl Acetate	3.78	43	728930	84.132	ug/l	99
24) 1,1-Dichloroethane	3.67	63	95220	17.285	ug/l	99
25) 2-Butanone	4.63	43	215112	83.016	ug/l	98
26) 2,2-Dichloropropane	4.55	77	86664	17.226	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61031	17.596	ug/l	96
28) Bromochloromethane	4.98	49	46674	18.580	ug/l	95
29) Tetrahydrofuran	5.09	42	143538	83.601	ug/l	97
30) Chloroform	5.17	83	96387	17.573	ug/l	98
31) Cyclohexane	5.54	56	84432	16.864	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	87193	17.488	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73425	17.256	ug/l	98
37) Ethyl Acetate	4.79	43	82965	16.823	ug/l	98
38) Carbon Tetrachloride	5.75	117	76482	17.684	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	85268	16.640	ug/l	100
40) Benzene	6.11	78	220112	17.680	ug/l	99
41) Methacrylonitrile	5.01	41	44700	16.783	ug/l	97
42) 1,2-Dichloroethane	6.16	62	75630	16.863	ug/l	98
43) Isopropyl Acetate	6.41	43	134282	17.065	ug/l	98
44) Trichloroethene	7.19	130	72865	16.474	ug/l	96
45) 1,2-Dichloropropane	7.49	63	56812	18.034	ug/l	99
46) Dibromomethane	7.63	93	37265	17.407	ug/l	100
47) Bromodichloromethane	7.88	83	76888	17.634	ug/l	100
48) Methyl methacrylate	7.74	41	61237	16.424	ug/l	95
49) 1,4-Dioxane	7.71	88	29538	330.315	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	420218	87.269	ug/l	98
52) Toluene	8.76	92	138899	17.899	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	88625	17.048	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	95259	17.543	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	55504	18.179	ug/l	98
56) Ethyl methacrylate	9.16	69	88199	17.697	ug/l	95
57) 1,3-Dichloropropane	9.35	76	95794	17.981	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	236942	89.303	ug/l	100
59) 2-Hexanone	9.47	43	320906	84.862	ug/l	98
60) Dibromochloromethane	9.57	129	60358	17.950	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58485	17.684	ug/l	99
64) Tetrachloroethene	9.32	164	85033	17.521	ug/l	99
65) Chlorobenzene	10.12	112	147724	17.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55905	18.273	ug/l	98
67) Ethyl Benzene	10.24	91	262119	17.748	ug/l	99
68) m/p-Xylenes	10.34	106	202056	36.515	ug/l	99
69) o-Xylene	10.68	106	95189	17.896	ug/l	99
70) Styrene	10.70	104	161259	17.871	ug/l	100
71) Bromoform	10.84	173	44913	18.018	ug/l #	98
73) Isopropylbenzene	11.00	105	255463	17.535	ug/l	100
74) N-amyl acetate	10.88	43	111345	16.385	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	56662	22.104	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80958m	17.811	ug/l	
77) Bromobenzene	11.24	156	63590	16.910	ug/l	99
78) n-propylbenzene	11.34	91	289225	17.065	ug/l	100
79) 2-Chlorotoluene	11.41	91	175310	17.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	216927	17.635	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	32131	16.846	ug/l	97
82) 4-Chlorotoluene	11.49	91	204502	17.310	ug/l	99
83) tert-Butylbenzene	11.76	119	185309	17.481	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	216246	17.389	ug/l	99
85) sec-Butylbenzene	11.93	105	241183	16.851	ug/l	100
86) p-Isopropyltoluene	12.05	119	226677	17.058	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	114839	17.008	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	115821	16.900	ug/l	98
89) n-Butylbenzene	12.37	91	191554	15.778	ug/l	100
90) Hexachloroethane	12.58	117	38779	16.992	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	112197	17.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19251	16.070	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	78304	16.268	ug/l	97
94) Hexachlorobutadiene	13.77	225	31393	15.511	ug/l	99
95) Naphthalene	13.82	128	256497	16.457	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	78456	16.678	ug/l	98

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

