

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016883.D
 Acq On : 19 Jun 2020 16:37
 Operator : JC/SP
 Sample : VX0619WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0619WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 12:23:04 PM

Quant Time: Jun 22 03:44:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	244777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	367859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	346678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	145357	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
35) Dibromofluoromethane	5.47	113	125866	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	8.70	98	457741	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.12	95	176370	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	73316	24.407	ug/l	100
3) Chloromethane	1.31	50	65217	21.411	ug/l	100
4) Vinyl Chloride	1.39	62	76246	22.210	ug/l	98
5) Bromomethane	1.63	94	51039	24.692	ug/l	97
6) Chloroethane	1.72	64	43876	20.752	ug/l	98
7) Trichlorofluoromethane	1.92	101	103098	21.468	ug/l	98
8) Diethyl Ether	2.17	74	38624	20.685	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54906	21.464	ug/l	97
10) Methyl Iodide	2.49	142	47543	19.523	ug/l	99
11) Tert butyl alcohol	3.01	59	59726	120.012	ug/l	99
12) 1,1-Dichloroethene	2.36	96	54504	20.837	ug/l	98
13) Acrolein	2.27	56	28964	95.992	ug/l	100
14) Allyl chloride	2.71	41	73635	21.282	ug/l	98
15) Acrylonitrile	3.12	53	132852	116.491	ug/l	99
16) Acetone	2.42	43	125286	117.234	ug/l	97
17) Carbon Disulfide	2.55	76	148699	21.997	ug/l	99
18) Methyl Acetate	2.75	43	66816	24.587	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	168086	22.548	ug/l	99
20) Methylene Chloride	2.84	84	55593	21.692	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	53618	21.715	ug/l	99
22) Diisopropyl ether	3.82	45	150850	22.755	ug/l	98
23) Vinyl Acetate	3.79	43	603600	110.421	ug/l	99
24) 1,1-Dichloroethane	3.67	63	86940	20.995	ug/l	98
25) 2-Butanone	4.64	43	159174	108.224	ug/l	99
26) 2,2-Dichloropropane	4.55	77	81430	20.990	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	56399	20.322	ug/l	98
28) Bromochloromethane	4.98	49	36042	20.971	ug/l	96
29) Tetrahydrofuran	5.09	42	101228	109.283	ug/l	99
30) Chloroform	5.18	83	92824	21.233	ug/l	99
31) Cyclohexane	5.55	56	75955	20.864	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	89946	21.738	ug/l	99
36) 1,1-Dichloropropene	5.77	75	66130	19.470	ug/l	100
37) Ethyl Acetate	4.79	43	63013	20.997	ug/l	100
38) Carbon Tetrachloride	5.76	117	76987	20.201	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80741	20.444	ug/l	95
40) Benzene	6.12	78	203699	19.987	ug/l	97
41) Methacrylonitrile	5.01	41	35405	21.731	ug/l	99
42) 1,2-Dichloroethane	6.17	62	73232	20.193	ug/l	98
43) Isopropyl Acetate	6.42	43	110730	21.129	ug/l	100
44) Trichloroethene	7.19	130	61213	19.612	ug/l	98
45) 1,2-Dichloropropane	7.49	63	51590	20.136	ug/l	93
46) Dibromomethane	7.64	93	36515	21.016	ug/l	99
47) Bromodichloromethane	7.88	83	81297	22.000	ug/l	98
48) Methyl methacrylate	7.74	41	51577	20.900	ug/l	97
49) 1,4-Dioxane	7.71	88	26494	479.603	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	312382	99.104	ug/l	99
52) Toluene	8.77	92	131198	19.405	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	85243	20.983	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	87190	20.062	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	64256	25.172	ug/l	99
56) Ethyl methacrylate	9.16	69	77609	21.001	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101248	23.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	169457	98.550	ug/l	100
59) 2-Hexanone	9.47	43	245386	107.502	ug/l	99
60) Dibromochloromethane	9.57	129	74006	24.167	ug/l	100
61) 1,2-Dibromoethane	9.65	107	63773	23.021	ug/l	100
64) Tetrachloroethene	9.32	164	74279	23.138	ug/l	97
65) Chlorobenzene	10.12	112	143080	20.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	56384	20.724	ug/l	99
67) Ethyl Benzene	10.24	91	243583	20.565	ug/l	98
68) m/p-Xylenes	10.34	106	189794	41.178	ug/l	100
69) o-Xylene	10.68	106	90289	21.185	ug/l	98
70) Styrene	10.70	104	158032	21.823	ug/l	100
71) Bromoform	10.84	173	48083	21.020	ug/l #	99
73) Isopropylbenzene	11.00	105	246223	20.811	ug/l	100
74) N-amyl acetate	10.88	43	88955	21.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	88361	26.448	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	74691m	22.255	ug/l	
77) Bromobenzene	11.24	156	80711	25.013	ug/l	98
78) n-propylbenzene	11.34	91	322333	24.411	ug/l	99
79) 2-Chlorotoluene	11.40	91	197347	24.427	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239799	23.490	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	26412	19.272	ug/l	97
82) 4-Chlorotoluene	11.49	91	220758	22.777	ug/l	99
83) tert-Butylbenzene	11.76	119	197775	19.581	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	215997	20.540	ug/l	100
85) sec-Butylbenzene	11.93	105	231222	19.711	ug/l	99
86) p-Isopropyltoluene	12.05	119	224529	20.891	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118053	20.025	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	119703	20.078	ug/l	99
89) n-Butylbenzene	12.37	91	184730	20.043	ug/l	99
90) Hexachloroethane	12.58	117	39412	20.357	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	114728	20.159	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16422	20.731	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	80000	20.934	ug/l	99
94) Hexachlorobutadiene	13.76	225	36801	21.340	ug/l	99
95) Naphthalene	13.82	128	255292	22.754	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	79177	20.775	ug/l	98

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

