

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017449.D
 Acq On : 21 Jul 2020 11:39
 Operator : JC/SP
 Sample : VSTD00162
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00162

Quant Time: Jul 22 05:36:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	323133	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	318432	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	152516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	26264	1.36	ug/L	0.00
7) Chloroethane-d5	1.69	69	18083	1.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	48914	1.20	ug/L	0.00
20) 2-Butanone-d5	4.54	46	42073	8.27	ug/L	0.00
24) Chloroform-d	5.13	84	42334	1.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	24960	1.11	ug/L	0.00
32) Benzene-d6	6.05	84	80128	1.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	21890	0.96	ug/L	0.00
41) Toluene-d8	8.70	98	74433	1.03	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	8647	0.93	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	27982	7.13	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	17544	1.05	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	24464	0.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	33044	1.214 ug/L	96
3) Chloromethane	1.31	50	33457	1.253 ug/L	90
5) Vinyl chloride	1.39	62	30358	1.175 ug/L	98
6) Bromomethane	1.64	94	16373	1.150 ug/L	94
8) Chloroethane	1.71	64	17419	0.985 ug/L	97
9) Trichlorofluoromethane	1.92	101	43768	1.214 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	23254	1.147 ug/L	97
12) 1,1-Dichloroethene	2.36	96	22886	1.202 ug/L	91
13) Acetone	2.42	43	34470	9.922 ug/L	99
14) Carbon disulfide	2.55	76	76333	1.203 ug/L	98
15) Methyl Acetate	2.75	43	10617	1.287 ug/L	93
16) Methylene chloride	2.84	84	30930	1.367 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	49440	1.013 ug/L	95
18) trans-1,2-Dichloroethene	3.15	96	24954	1.204 ug/L	83
19) 1,1-Dichloroethane	3.67	63	43474	1.107 ug/L	99
21) 2-Butanone	4.64	43	50267	9.273 ug/L	93
22) cis-1,2-Dichloroethene	4.57	96	20786	0.948 ug/L #	91
23) Bromochloromethane	4.99	128	10590	1.120 ug/L	84
25) Chloroform	5.18	83	42015	0.982 ug/L	100
27) 1,2-Dichloroethane	6.16	62	25578	0.951 ug/L	96
29) 1,1,1-Trichloroethane	5.46	97	41330	1.121 ug/L	98
30) Cyclohexane	5.56	56	29185	0.812 ug/L	97
31) Carbon tetrachloride	5.76	117	34528	1.071 ug/L	100
33) Benzene	6.12	78	85134	1.020 ug/L	100
34) Trichloroethene	7.19	95	22146	0.948 ug/L	92
35) Methylcyclohexane	7.44	83	27530	0.786 ug/L	94
37) 1,2-Dichloropropane	7.49	63	21593	1.002 ug/L #	93
38) Bromodichloromethane	7.88	83	29181	1.088 ug/L #	95
39) cis-1,3-Dichloropropene	8.41	75	29274	0.978 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	110338	8.383 ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.76	91	82840	0.949	ug/L	94
43) 1,3,5-Trimethylbenzene	11.49	105	67721	0.845	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	66590	0.841	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	24488	0.966	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	15490	1.092	ug/L	90
49) Tetrachloroethene	9.32	164	19991	1.188	ug/L	95
50) 2-Hexanone	9.48	43	78251	8.445	ug/L #	85
51) Dibromochloromethane	9.56	129	20214	1.227	ug/L	95
52) 1,2-Dibromoethane	9.66	107	14104	1.075	ug/L #	95
53) Chlorobenzene	10.12	112	59911	1.055	ug/L	92
54) Ethylbenzene	10.24	91	89348	0.902	ug/L	97
55) m,p-xylene	10.34	106	33518	0.903	ug/L	98
56) o-xylene	10.68	106	33424	0.944	ug/L	96
57) Styrene	10.69	104	52416	0.883	ug/L	99
58) Isopropylbenzene	11.00	105	83513	0.866	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.26	83	16650	1.052	ug/L #	92
62) Bromoform	10.84	173	11261	1.361	ug/L #	92
63) 1,3-Dichlorobenzene	12.01	146	45118	1.055	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	43264	1.007	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	41698	1.075	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.99	75	4468	1.652	ug/L	86
68) 1,3,5-Trichlorobenzene	13.15	180	35430	1.084	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	25048	0.926	ug/L	99
70) Naphthalene	13.82	128	42187	0.947	ug/L	97
71) 1,2,3-Trichlorobenzene	14.00	180	23455	0.967	ug/L	97

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

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