

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092220\
 Data File : VX018528.D
 Acq On : 22 Sep 2020 18:42
 Operator : JC/SP
 Sample : VSTD00162
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

Quant Time: Sep 23 03:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 23 03:43:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	274120	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	261617	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	127635	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	16760	1.52	ug/L	0.00
7) Chloroethane-d5	1.70	69	13979	1.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	35029	1.62	ug/L	0.00
20) 2-Butanone-d5	4.57	46	36171	15.12	ug/L	0.01
24) Chloroform-d	5.14	84	36452	1.40	ug/L	-0.01
26) 1,2-Dichloroethane-d4	6.03	65	20905	1.34	ug/L	0.00
32) Benzene-d6	6.05	84	65368	1.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	19716	1.05	ug/L	0.00
41) Toluene-d8	8.70	98	63388	1.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	8200	1.03	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	28117	10.12	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	14706	1.06	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	21936	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	14159	0.578 ug/L	90
3) Chloromethane	1.31	50	12270	1.035 ug/L	96
5) Vinyl chloride	1.39	62	13562	1.102 ug/L	99
6) Bromomethane	1.64	94	8060	1.098 ug/L	99
8) Chloroethane	1.72	64	7147	1.079 ug/L	88
9) Trichlorofluoromethane	1.92	101	21140	0.882 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	12555	1.161 ug/L	96
12) 1,1-Dichloroethene	2.36	96	11519	1.173 ug/L	94
13) Acetone	2.47	43	19285	13.881 ug/L	74
14) Carbon disulfide	2.55	76	37078	0.768 ug/L	95
15) Methyl Acetate	2.76	43	4598	0.949 ug/L	95
16) Methylene chloride	2.84	84	16718	0.918 ug/L	92
17) Methyl tert-butyl Ether	3.17	73	25521	0.700 ug/L	96
18) trans-1,2-Dichloroethene	3.14	96	12836	0.731 ug/L	91
19) 1,1-Dichloroethane	3.67	63	21220	0.732 ug/L	93
21) 2-Butanone	4.67	43	25491	10.707 ug/L	95
22) cis-1,2-Dichloroethene	4.56	96	12406	0.670 ug/L	# 86
23) Bromochloromethane	4.98	128	6370	0.811 ug/L	95
25) Chloroform	5.18	83	23798	0.597 ug/L	90
27) 1,2-Dichloroethane	6.17	62	15348	0.861 ug/L	99
29) 1,1,1-Trichloroethane	5.47	97	22709	0.745 ug/L	96
30) Cyclohexane	5.55	56	16404	0.590 ug/L	94
31) Carbon tetrachloride	5.76	117	19074	0.720 ug/L	96
33) Benzene	6.11	78	42567	0.626 ug/L	100
34) Trichloroethene	7.19	95	12885	0.665 ug/L	# 89
35) Methylcyclohexane	7.45	83	15904	0.505 ug/L	96
37) 1,2-Dichloropropane	7.49	63	12066	0.749 ug/L	# 88
38) Bromodichloromethane	7.88	83	15002	0.656 ug/L	93
39) cis-1,3-Dichloropropene	8.42	75	16574	0.660 ug/L	94
40) 4-Methyl-2-pentanone	8.62	43	57267	7.172 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	45105	0.610	ug/L	93
44) trans-1,3-Dichloropropene	9.02	75	14993	0.730	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	8737	0.731	ug/L	84
47) Tetrachloroethene	9.32	164	10104	0.657	ug/L	88
48) 2-Hexanone	9.48	43	42974	7.438	ug/L	96
49) Dibromochloromethane	9.57	129	10002	0.646	ug/L	99
50) 1,2-Dibromoethane	9.66	107	7555	0.660	ug/L #	88
51) Chlorobenzene	10.12	112	29906	0.608	ug/L	92
52) Ethylbenzene	10.24	91	47384	0.565	ug/L	94
53) m,p-xylene	10.34	106	17395	0.541	ug/L	90
54) o-xylene	10.68	106	15149	0.492	ug/L	83
55) Styrene	10.70	104	25396	0.498	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	8752	0.647	ug/L #	94
59) Bromoform	10.84	173	6136	0.785	ug/L #	88
60) Isopropylbenzene	11.00	105	40238	0.493	ug/L #	95
61) 1,2,3-Trichloropropane	11.27	75	7878	0.822	ug/L	96
62) 1,3,5-Trimethylbenzene	11.49	105	32609	0.483	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	31285	0.470	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	22744	0.587	ug/L	93
65) 1,4-Dichlorobenzene	12.08	146	24254	0.639	ug/L	95
67) 1,2-Dichlorobenzene	12.38	146	22217	0.649	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.99	75	2155	0.930	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.15	180	17453	0.615	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	12505	0.529	ug/L	95
71) Naphthalene	13.82	128	20165	0.503	ug/L	97
72) 1,2,3-Trichlorobenzene	14.00	180	12519	0.600	ug/L	95

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

