

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019165.D
 Acq On : 28 Oct 2020 15:45
 Operator : JC/MD
 Sample : VSTD00162
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD001302

Quant Time: Oct 29 05:59:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 05:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	203266	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	179931	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	85380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12707	0.97	ug/L	0.00
7) Chloroethane-d5	1.70	69	10658	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	25065	0.97	ug/L	0.00
20) 2-Butanone-d5	4.56	46	25935	8.55	ug/L	0.00
24) Chloroform-d	5.14	84	23174	0.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	13918	1.04	ug/L	0.00
32) Benzene-d6	6.04	84	47052	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	12942	0.91	ug/L	0.00
41) Toluene-d8	8.70	98	47737	1.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	5383	0.87	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	23380	8.44	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	9681	0.88	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	15025	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	16019	0.927	ug/L 98
3) Chloromethane	1.31	50	13596	0.911	ug/L 95
5) Vinyl chloride	1.39	62	15290	0.909	ug/L 99
6) Bromomethane	1.64	94	9867	0.926	ug/L 91
8) Chloroethane	1.72	64	9417	0.931	ug/L 100
9) Trichlorofluoromethane	1.92	101	22390	0.919	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	12382	0.890	ug/L 97
12) 1,1-Dichloroethene	2.36	96	12465	0.922	ug/L 95
13) Acetone	2.45	43	15372	8.867	ug/L 98
14) Carbon disulfide	2.55	76	37853	0.929	ug/L 100
15) Methyl Acetate	2.76	43	4022	0.849	ug/L 97
16) Methylene chloride	2.83	84	18031	1.290	ug/L 98
17) Methyl tert-butyl Ether	3.17	73	29493	0.908	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	12950	0.920	ug/L 98
19) 1,1-Dichloroethane	3.67	63	21741	0.901	ug/L 96
21) 2-Butanone	4.65	43	25757	8.486	ug/L 98
22) cis-1,2-Dichloroethene	4.56	96	13917	0.938	ug/L 94
23) Bromochloromethane	4.97	128	5584	0.879	ug/L 92
25) Chloroform	5.17	83	23381	0.942	ug/L 95
27) 1,2-Dichloroethane	6.16	62	14289	0.904	ug/L 99
29) 1,1,1-Trichloroethane	5.46	97	20646	0.902	ug/L 99
30) Cyclohexane	5.54	56	21553	0.954	ug/L 97
31) Carbon tetrachloride	5.75	117	17910	0.930	ug/L 97
33) Benzene	6.10	78	50020	0.905	ug/L 100
34) Trichloroethene	7.18	95	13829	0.917	ug/L 97
35) Methylcyclohexane	7.43	83	21977	0.908	ug/L 99
37) 1,2-Dichloropropane	7.49	63	11857	0.902	ug/L 100
38) Bromodichloromethane	7.87	83	15251	0.900	ug/L 96
39) cis-1,3-Dichloropropene	8.42	75	17318	0.861	ug/L 99
40) 4-Methyl-2-pentanone	8.62	43	60289	8.377	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	54604	0.908	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	14122	0.827	ug/L	95
45) 1,1,2-Trichloroethane	9.20	97	8608	0.893	ug/L	95
47) Tetrachloroethene	9.32	164	10636	0.925	ug/L	96
48) 2-Hexanone	9.48	43	42123	8.323	ug/L	100
49) Dibromochloromethane	9.56	129	9355	0.845	ug/L	87
50) 1,2-Dibromoethane	9.65	107	7766	0.868	ug/L #	93
51) Chlorobenzene	10.12	112	34197	0.912	ug/L	98
52) Ethylbenzene	10.23	91	60035	0.895	ug/L	100
53) m,p-xylene	10.34	106	22948	0.890	ug/L	99
54) o-xylene	10.68	106	22256	0.899	ug/L	94
55) Styrene	10.70	104	34072	0.835	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	9460	0.857	ug/L	98
59) Bromoform	10.84	173	4955	0.851	ug/L	96
60) Isopropylbenzene	11.00	105	58988	0.908	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	7185	0.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	48164	0.875	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	49403	0.886	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	26308	0.903	ug/L	99
65) 1,4-Dichlorobenzene	12.08	146	26336	0.928	ug/L	97
67) 1,2-Dichlorobenzene	12.38	146	24214	0.910	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	1608	0.865	ug/L	92
69) 1,3,5-Trichlorobenzene	13.15	180	18649	0.858	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	16215	0.877	ug/L	97
71) Naphthalene	13.82	128	27992	0.813	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	14530	0.884	ug/L	98

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

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