

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019170.D
 Acq On : 28 Oct 2020 17:52
 Operator : JC/MD
 Sample : VSTD00563
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005303

Quant Time: Oct 29 06:00:56 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	6.83	114	193286	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	173821	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	84446	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62499	5.00	ug/L	0.00
7) Chloroethane-d5	1.70	69	52603	5.00	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	122782	5.00	ug/L	0.00
20) 2-Butanone-d5	4.56	46	144279	50.00	ug/L	0.00
24) Chloroform-d	5.14	84	120158	5.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	63376	5.00	ug/L	0.00
32) Benzene-d6	6.05	84	238631	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	68788	5.00	ug/L	0.00
41) Toluene-d8	8.70	98	228114	5.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	29743	5.00	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	133826	50.00	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	53037	5.00	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	80299	5.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	82178	5.000	ug/L 100
3) Chloromethane	1.31	50	70923	5.000	ug/L 100
5) Vinyl chloride	1.39	62	79940	5.000	ug/L 100
6) Bromomethane	1.64	94	50659	5.000	ug/L 100
8) Chloroethane	1.72	64	48090	5.000	ug/L 100
9) Trichlorofluoromethane	1.92	101	115774	5.000	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	66155	5.000	ug/L 100
12) 1,1-Dichloroethene	2.36	96	64313	5.000	ug/L 100
13) Acetone	2.46	43	82428	50.000	ug/L 100
14) Carbon disulfide	2.55	76	193749	5.000	ug/L 100
15) Methyl Acetate	2.76	43	22511	5.000	ug/L 100
16) Methylene chloride	2.83	84	66461	5.000	ug/L 100
17) Methyl tert-butyl Ether	3.17	73	154493	5.000	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	66901	5.000	ug/L 100
19) 1,1-Dichloroethane	3.67	63	114673	5.000	ug/L 100
21) 2-Butanone	4.66	43	144314	50.000	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	70572	5.000	ug/L 100
23) Bromochloromethane	4.98	128	30187	5.000	ug/L 100
25) Chloroform	5.17	83	118028	5.000	ug/L 100
27) 1,2-Dichloroethane	6.16	62	75132	5.000	ug/L 100
29) 1,1,1-Trichloroethane	5.46	97	110538	5.000	ug/L 100
30) Cyclohexane	5.54	56	109178	5.000	ug/L 100
31) Carbon tetrachloride	5.75	117	93021	5.000	ug/L 100
33) Benzene	6.11	78	267013	5.000	ug/L 100
34) Trichloroethene	7.18	95	72814	5.000	ug/L 100
35) Methylcyclohexane	7.44	83	116920	5.000	ug/L 100
37) 1,2-Dichloropropane	7.49	63	63522	5.000	ug/L 100
38) Bromodichloromethane	7.87	83	81875	5.000	ug/L 100
39) cis-1,3-Dichloropropene	8.42	75	97159	5.000	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	347630	50.000	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	290358	5.000	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	82435	5.000	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	46573	5.000	ug/L	100
47) Tetrachloroethene	9.32	164	55561	5.000	ug/L	100
48) 2-Hexanone	9.48	43	244447	50.000	ug/L	100
49) Dibromochloromethane	9.57	129	53450	5.000	ug/L	100
50) 1,2-Dibromoethane	9.65	107	43200	5.000	ug/L	100
51) Chlorobenzene	10.12	112	181131	5.000	ug/L	100
52) Ethylbenzene	10.23	91	323844	5.000	ug/L	100
53) m,p-xylene	10.34	106	124586	5.000	ug/L	100
54) o-xylene	10.68	106	119546	5.000	ug/L	100
55) Styrene	10.70	104	197146	5.000	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	53308	5.000	ug/L	100
59) Bromoform	10.84	173	28794	5.000	ug/L	100
60) Isopropylbenzene	11.00	105	321323	5.000	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	39849	5.000	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	272297	5.000	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	275890	5.000	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	144022	5.000	ug/L	100
65) 1,4-Dichlorobenzene	12.08	146	140303	5.000	ug/L	100
67) 1,2-Dichlorobenzene	12.38	146	131580	5.000	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.98	75	9197	5.000	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	107495	5.000	ug/L	100
70) 1,2,4-trichlorobenzene	13.63	180	91453	5.000	ug/L	100
71) Naphthalene	13.82	128	170317	5.000	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	81304	5.000	ug/L	100

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

