

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019166.D
 Acq On : 28 Oct 2020 16:11
 Operator : JC/MD
 Sample : VSTD00563
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005303

Quant Time: Oct 29 05:59:55 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	203050	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	180456	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	87049	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	66577	5.07	ug/L	0.00
7) Chloroethane-d5	1.70	69	53673	4.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	127661	4.95	ug/L	0.00
20) 2-Butanone-d5	4.56	46	145553	48.02	ug/L	0.00
24) Chloroform-d	5.13	84	124821	4.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	64222	4.82	ug/L	0.00
32) Benzene-d6	6.04	84	248850	5.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	70531	4.94	ug/L	0.00
41) Toluene-d8	8.70	98	238083	5.03	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	30683	4.97	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	135668	48.82	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	54999	4.99	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	81017	4.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	84368	4.886	ug/L 100
3) Chloromethane	1.31	50	71426	4.793	ug/L 99
5) Vinyl chloride	1.39	62	81114	4.829	ug/L 100
6) Bromomethane	1.64	94	50963	4.788	ug/L 99
8) Chloroethane	1.71	64	49219	4.871	ug/L 99
9) Trichlorofluoromethane	1.92	101	120226	4.943	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	68715	4.944	ug/L 99
12) 1,1-Dichloroethene	2.35	96	64830	4.798	ug/L 95
13) Acetone	2.46	43	83480	48.203	ug/L 98
14) Carbon disulfide	2.55	76	199863	4.910	ug/L 99
15) Methyl Acetate	2.76	43	22540	4.766	ug/L 98
16) Methylene chloride	2.83	84	67691	4.848	ug/L 96
17) Methyl tert-butyl Ether	3.17	73	155855	4.802	ug/L 100
18) trans-1,2-Dichloroethene	3.14	96	68566	4.878	ug/L 98
19) 1,1-Dichloroethane	3.67	63	117232	4.866	ug/L 99
21) 2-Butanone	4.66	43	140858	46.456	ug/L 100
22) cis-1,2-Dichloroethene	4.56	96	72561	4.894	ug/L 100
23) Bromochloromethane	4.98	128	30421	4.796	ug/L 94
25) Chloroform	5.17	83	121297	4.891	ug/L 96
27) 1,2-Dichloroethane	6.16	62	76928	4.873	ug/L 98
29) 1,1,1-Trichloroethane	5.46	97	114100	4.971	ug/L 99
30) Cyclohexane	5.54	56	111739	4.929	ug/L 99
31) Carbon tetrachloride	5.75	117	96653	5.004	ug/L 100
33) Benzene	6.11	78	271171	4.891	ug/L 100
34) Trichloroethene	7.18	95	73933	4.890	ug/L 98
35) Methylcyclohexane	7.44	83	122221	5.035	ug/L 98
37) 1,2-Dichloropropane	7.49	63	64020	4.854	ug/L 99
38) Bromodichloromethane	7.87	83	82942	4.879	ug/L 98
39) cis-1,3-Dichloropropene	8.41	75	99838	4.949	ug/L 99
40) 4-Methyl-2-pentanone	8.62	43	350028	48.494	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	296358	4.916	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	83664	4.888	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	46594	4.818	ug/L	98
47) Tetrachloroethene	9.32	164	56610	4.907	ug/L	96
48) 2-Hexanone	9.48	43	247187	48.701	ug/L	98
49) Dibromochloromethane	9.56	129	55641	5.014	ug/L	100
50) 1,2-Dibromoethane	9.65	107	43461	4.845	ug/L	95
51) Chlorobenzene	10.12	112	185239	4.925	ug/L	99
52) Ethylbenzene	10.23	91	328367	4.883	ug/L	98
53) m,p-xylene	10.34	106	124988	4.832	ug/L	99
54) o-xylene	10.68	106	120774	4.866	ug/L	98
55) Styrene	10.69	104	201059	4.912	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	53429	4.827	ug/L	100
59) Bromoform	10.84	173	28554	4.810	ug/L	99
60) Isopropylbenzene	11.00	105	332060	5.013	ug/L	98
61) 1,2,3-Trichloropropane	11.28	75	39903	4.857	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	279289	4.975	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	280040	4.923	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	145618	4.904	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	144432	4.993	ug/L	100
67) 1,2-Dichlorobenzene	12.37	146	135249	4.986	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.98	75	8892	4.690	ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	110409	4.982	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	92306	4.896	ug/L	99
71) Naphthalene	13.82	128	168838	4.808	ug/L	100
72) 1,2,3-Trichlorobenzene	14.01	180	83951	5.008	ug/L	97

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

