

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019164.D
 Acq On : 28 Oct 2020 15:09
 Operator : JC/MD
 Sample : VSTD0.561
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5301

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 11:04:22 AM

Quant Time: Oct 29 06:06:53 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	199780	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	178661	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	83243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	6048	0.47	ug/L	0.00
7) Chloroethane-d5	1.70	69	5205	0.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	11782	0.46	ug/L	0.00
20) 2-Butanone-d5	4.57	46	12284	4.12	ug/L	0.01
24) Chloroform-d	5.14	84	11199	0.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	7907	0.60	ug/L	0.00
32) Benzene-d6	6.04	84	22589	0.46	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	6367	0.45	ug/L	0.00
41) Toluene-d8	8.70	98	24875	0.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	2552	0.42	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	10726	3.90	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	4642	0.43	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	7073	0.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	7480	0.440 ug/L	99
3) Chloromethane	1.31	50	6938	0.473 ug/L	99
5) Vinyl chloride	1.39	62	7713	0.467 ug/L	93
6) Bromomethane	1.64	94	5050	0.482 ug/L	98
8) Chloroethane	1.71	64	4715	0.474 ug/L	97
9) Trichlorofluoromethane	1.92	101	10425	0.436 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	6033	0.441 ug/L	99
12) 1,1-Dichloroethene	2.35	96	5949	0.447 ug/L	# 71
13) Acetone	2.45	43	7252m	4.256 ug/L	
14) Carbon disulfide	2.55	76	19325	0.483 ug/L	100
15) Methyl Acetate	2.76	43	1818m	0.391 ug/L	
16) Methylene chloride	2.83	84	8875	0.646 ug/L	95
17) Methyl tert-butyl Ether	3.17	73	13972	0.437 ug/L	96
18) trans-1,2-Dichloroethene	3.14	96	6337	0.458 ug/L	92
19) 1,1-Dichloroethane	3.67	63	10919	0.461 ug/L	97
21) 2-Butanone	4.67	43	13754	4.610 ug/L	90
22) cis-1,2-Dichloroethene	4.56	96	6691	0.459 ug/L	97
23) Bromochloromethane	4.98	128	2718	0.436 ug/L	95
25) Chloroform	5.17	83	11116	0.456 ug/L	89
27) 1,2-Dichloroethane	6.15	62	7149	0.460 ug/L	96
29) 1,1,1-Trichloroethane	5.45	97	10049	0.442 ug/L	98
30) Cyclohexane	5.54	56	9910	0.442 ug/L	95
31) Carbon tetrachloride	5.75	117	8371	0.438 ug/L	99
33) Benzene	6.10	78	25115	0.458 ug/L	100
34) Trichloroethene	7.19	95	6872	0.459 ug/L	97
35) Methylcyclohexane	7.44	83	10702	0.445 ug/L	99
37) 1,2-Dichloropropane	7.48	63	5730	0.439 ug/L	99
38) Bromodichloromethane	7.87	83	7130	0.424 ug/L	87
39) cis-1,3-Dichloropropene	8.41	75	8479	0.425 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	29601	4.142 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	26174	0.439	ug/L	96
44) trans-1,3-Dichloropropene	9.02	75	6946	0.410	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	4175	0.436	ug/L	88
47) Tetrachloroethene	9.32	164	5055	0.443	ug/L	97
48) 2-Hexanone	9.48	43	20102	4.000	ug/L	98
49) Dibromochloromethane	9.56	129	4538	0.413	ug/L	95
50) 1,2-Dibromoethane	9.65	107	3791	0.427	ug/L	93
51) Chlorobenzene	10.12	112	16716	0.449	ug/L	99
52) Ethylbenzene	10.23	91	28736	0.432	ug/L	99
53) m,p-xylene	10.34	106	10866	0.424	ug/L	95
54) o-xylene	10.68	106	10188	0.415	ug/L	92
55) Styrene	10.70	104	16315	0.403	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.25	83	4612	0.421	ug/L #	98
59) Bromoform	10.84	173	2401	0.423	ug/L	93
60) Isopropylbenzene	11.00	105	27971	0.442	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	3600	0.458	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	22528	0.420	ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	22578	0.415	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	12550	0.442	ug/L	93
65) 1,4-Dichlorobenzene	12.08	146	13048	0.472	ug/L	94
67) 1,2-Dichlorobenzene	12.38	146	11598	0.447	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.99	75	759	0.419	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.15	180	8543	0.403	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	7833	0.434	ug/L	95
71) Naphthalene	13.82	128	13190	0.393	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	6847	0.427	ug/L	99

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

