

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102920\
 Data File : VX019167.D
 Acq On : 28 Oct 2020 16:36
 Operator : JC/MD
 Sample : VSTD01064
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010304

Quant Time: Oct 29 06:00:23 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	204050	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	183561	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	90972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	144491	10.95	ug/L	0.00
7) Chloroethane-d5	1.70	69	116427	10.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	275661	10.63	ug/L	0.00
20) 2-Butanone-d5	4.56	46	316746	103.98	ug/L	0.00
24) Chloroform-d	5.14	84	268976	10.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	136066	10.17	ug/L	0.00
32) Benzene-d6	6.05	84	537069	10.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	154421	10.63	ug/L	0.00
41) Toluene-d8	8.70	98	509113	10.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	67605	10.76	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	300648	106.37	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	121401	10.84	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	179372	10.37	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	180673	10.413 ug/L	99
3) Chloromethane	1.31	50	152821	10.205 ug/L	97
5) Vinyl chloride	1.39	62	173421	10.275 ug/L	98
6) Bromomethane	1.64	94	110730	10.352 ug/L	96
8) Chloroethane	1.71	64	104143	10.257 ug/L	99
9) Trichlorofluoromethane	1.92	101	252919	10.347 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	146657	10.500 ug/L	99
12) 1,1-Dichloroethene	2.36	96	139307	10.259 ug/L	99
13) Acetone	2.46	43	177092	101.756 ug/L	100
14) Carbon disulfide	2.55	76	430652	10.527 ug/L	100
15) Methyl Acetate	2.76	43	47940	10.086 ug/L	98
16) Methylene chloride	2.83	84	140362	10.003 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	334121	10.243 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	147365	10.433 ug/L	97
19) 1,1-Dichloroethane	3.67	63	249391	10.300 ug/L	100
21) 2-Butanone	4.66	43	299411	98.264 ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	156464	10.501 ug/L	98
23) Bromochloromethane	4.98	128	65591	10.291 ug/L	97
25) Chloroform	5.17	83	261457	10.492 ug/L	93
27) 1,2-Dichloroethane	6.16	62	163187	10.287 ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	243754	10.441 ug/L	100
30) Cyclohexane	5.55	56	240855	10.445 ug/L	99
31) Carbon tetrachloride	5.75	117	210557	10.717 ug/L	99
33) Benzene	6.11	78	582621	10.331 ug/L	100
34) Trichloroethene	7.18	95	157375	10.233 ug/L	99
35) Methylcyclohexane	7.44	83	260362	10.543 ug/L	100
37) 1,2-Dichloropropane	7.49	63	136930	10.206 ug/L	100
38) Bromodichloromethane	7.87	83	183451	10.609 ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	217437	10.596 ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	747520	101.812 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	638376	10.410	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	183073	10.515	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	99321	10.097	ug/L	99
47) Tetrachloroethene	9.32	164	121980	10.395	ug/L	97
48) 2-Hexanone	9.48	43	531458	102.938	ug/L	99
49) Dibromochloromethane	9.57	129	119970	10.627	ug/L	98
50) 1,2-Dibromoethane	9.65	107	94880	10.399	ug/L	96
51) Chlorobenzene	10.12	112	400218	10.462	ug/L	99
52) Ethylbenzene	10.23	91	716512	10.476	ug/L	99
53) m,p-xylene	10.34	106	273812	10.406	ug/L	96
54) o-xylene	10.68	106	265407	10.512	ug/L	96
55) Styrene	10.70	104	447469	10.746	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	117528	10.439	ug/L	99
59) Bromoform	10.84	173	65216	10.512	ug/L	99
60) Isopropylbenzene	11.00	105	718027	10.371	ug/L	98
61) 1,2,3-Trichloropropane	11.28	75	85770	9.990	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	611123	10.417	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	619393	10.420	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	318991	10.280	ug/L	95
65) 1,4-Dichlorobenzene	12.08	146	317729	10.511	ug/L	98
67) 1,2-Dichlorobenzene	12.38	146	285147	10.058	ug/L	96
68) 1,2-Dibromo-3-chloropropan	12.98	75	19981	10.084	ug/L	93
69) 1,3,5-Trichlorobenzene	13.15	180	242646	10.477	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	206777	10.494	ug/L	98
71) Naphthalene	13.82	128	383447	10.449	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	185978	10.617	ug/L	98

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

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