

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017807.D
 Acq On : 06 Aug 2020 15:43
 Operator : JC/SP
 Sample : VSTD0.562
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.562

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:54:17 PM

Quant Time: Aug 07 02:54:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 02:48:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	360337	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	339773	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	169325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10139	0.41	ug/L	0.00
7) Chloroethane-d5	1.69	69	8202m	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.35	63	19260	0.38	ug/L	0.00
20) 2-Butanone-d5	4.54	46	23913	3.62	ug/L	0.00
24) Chloroform-d	5.14	84	19014	0.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	11674	0.42	ug/L	0.00
32) Benzene-d6	6.05	84	33590	0.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	10887	0.38	ug/L	0.00
41) Toluene-d8	8.70	98	33178	0.37	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	5037	0.40	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	16848	3.25	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	8027	0.37	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	12828	0.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	18929	0.452 ug/L	99
3) Chloromethane	1.31	50	14675	0.429 ug/L	92
5) Vinyl chloride	1.39	62	15111	0.445 ug/L	95
6) Bromomethane	1.63	94	9338	0.473 ug/L	90
8) Chloroethane	1.71	64	8189	0.431 ug/L	94
9) Trichlorofluoromethane	1.92	101	22941	0.420 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	12351	0.414 ug/L	89
12) 1,1-Dichloroethene	2.35	96	12135	0.439 ug/L #	79
13) Acetone	2.42	43	21828	4.518 ug/L	93
14) Carbon disulfide	2.54	76	45297	0.457 ug/L	97
15) Methyl Acetate	2.75	43	7796	0.547 ug/L	90
16) Methylene chloride	2.83	84	26762	0.701 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	31523	0.426 ug/L #	91
18) trans-1,2-Dichloroethene	3.14	96	14483	0.462 ug/L	96
19) 1,1-Dichloroethane	3.67	63	24138	0.432 ug/L	96
21) 2-Butanone	4.64	43	36506	4.375 ug/L	98
22) cis-1,2-Dichloroethene	4.57	96	14710	0.447 ug/L #	90
23) Bromochloromethane	4.98	128	6493	0.422 ug/L	87
25) Chloroform	5.18	83	27197	0.452 ug/L	90
27) 1,2-Dichloroethane	6.16	62	16973	0.439 ug/L #	92
29) 1,1,1-Trichloroethane	5.46	97	24318	0.436 ug/L	98
30) Cyclohexane	5.54	56	19231	0.398 ug/L	94
31) Carbon tetrachloride	5.76	117	21419	0.417 ug/L	100
33) Benzene	6.11	78	50003	0.416 ug/L	100
34) Trichloroethene	7.18	95	15825	0.451 ug/L	92
35) Methylcyclohexane	7.43	83	20163	0.408 ug/L	97
37) 1,2-Dichloropropane	7.49	63	13497	0.446 ug/L	100
38) Bromodichloromethane	7.88	83	17914	0.425 ug/L	98
39) cis-1,3-Dichloropropene	8.41	75	19427	0.417 ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	78279	3.975 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.76	91	52997	0.406	ug/L	88
43) 1,3,5-Trimethylbenzene	11.49	105	41798	0.351	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	41909	0.345	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	17737	0.427	ug/L	92
47) 1,1,2-Trichloroethane	9.20	97	10173	0.448	ug/L	85
49) Tetrachloroethene	9.32	164	11673	0.416	ug/L	95
50) 2-Hexanone	9.47	43	54302	3.847	ug/L	98
51) Dibromochloromethane	9.56	129	13703	0.438	ug/L	92
52) 1,2-Dibromoethane	9.65	107	9581	0.431	ug/L #	90
53) Chlorobenzene	10.12	112	35458	0.417	ug/L	95
54) Ethylbenzene	10.24	91	54600	0.383	ug/L	92
55) m,p-xylene	10.35	106	20409	0.375	ug/L	77
56) o-xylene	10.68	106	19899	0.377	ug/L	94
57) Styrene	10.70	104	31703	0.355	ug/L	92
58) Isopropylbenzene	11.00	105	52522	0.372	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	9795	0.393	ug/L #	98
62) Bromoform	10.84	173	7388	0.436	ug/L	94
63) 1,3-Dichlorobenzene	12.01	146	27728	0.420	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	27953	0.426	ug/L	87
66) 1,2-Dichlorobenzene	12.38	146	26399	0.431	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	2714	0.510	ug/L	98
68) 1,3,5-Trichlorobenzene	13.15	180	20373	0.418	ug/L	94
69) 1,2,4-trichlorobenzene	13.63	180	18035	0.418	ug/L	100
70) Naphthalene	13.82	128	30321	0.383	ug/L	97
71) 1,2,3-Trichlorobenzene	14.01	180	16313	0.402	ug/L	98

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

