

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013727.D
 Acq On : 22 Nov 2019 10:45
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00133

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 12:54:35 PM

Quant Time: Nov 22 11:57:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 11:44:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	368938	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361462	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	184993	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22149	0.95	ug/L	0.00
7) Chloroethane-d5	1.58	69	19047	0.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	36253	0.87	ug/L	0.00
20) 2-Butanone-d5	3.98	46	39304	7.43	ug/L	0.01
24) Chloroform-d	4.40	84	43625	0.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	20745	0.86	ug/L	0.00
32) Benzene-d6	5.10	84	83341	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	25388	0.85	ug/L	0.00
41) Toluene-d8	7.36	98	71363	0.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	9591	0.83	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	29653	6.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	17266	0.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	30613	0.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	25291	0.783 ug/L	98
3) Chloromethane	1.25	50	22559	0.734 ug/L	96
5) Vinyl chloride	1.32	62	22261	0.752 ug/L	99
6) Bromomethane	1.53	94	11872	0.671 ug/L	95
8) Chloroethane	1.60	64	13604	0.814 ug/L	97
9) Trichlorofluoromethane	1.77	101	36184	0.898 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	21184	0.945 ug/L	97
12) 1,1-Dichloroethene	2.14	96	18517	0.865 ug/L	92
13) Acetone	2.23	43	31782	9.541 ug/L	82
14) Carbon disulfide	2.31	76	41803	0.600 ug/L	100
15) Methyl Acetate	2.47	43	7460	0.806 ug/L #	73
16) Methylene chloride	2.53	84	26690	0.892 ug/L	92
17) Methyl tert-butyl Ether	2.80	73	48313	0.869 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	20391	0.781 ug/L	93
19) 1,1-Dichloroethane	3.23	63	40246	0.847 ug/L	94
21) 2-Butanone	4.06	43	41484m	7.514 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	23070	0.833 ug/L	99
23) Bromochloromethane	4.30	128	9889	0.775 ug/L	91
25) Chloroform	4.42	83	41615	0.649 ug/L	94
27) 1,2-Dichloroethane	5.18	62	24130	0.845 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	36257	0.844 ug/L	99
30) Cyclohexane	4.72	56	28979	0.701 ug/L	97
31) Carbon tetrachloride	4.87	117	31506	0.818 ug/L	98
33) Benzene	5.14	78	85896	0.808 ug/L	100
34) Trichloroethene	5.96	95	23880	0.831 ug/L	95
35) Methylcyclohexane	6.17	83	29347	0.686 ug/L	93
37) 1,2-Dichloropropane	6.22	63	22360	0.874 ug/L #	95
38) Bromodichloromethane	6.55	83	29259	0.816 ug/L	91
39) cis-1,3-Dichloropropene	7.07	75	29439	0.800 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	116289	7.735 ug/L	95

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42) Toluene	7.43	91	87988	0.774	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	24280	0.834	ug/L	89
45) 1,1,2-Trichloroethane	7.88	97	16493	0.888	ug/L	97
47) Tetrachloroethene	8.02	164	21405	0.813	ug/L	98
48) 2-Hexanone	8.19	43	78532	7.324	ug/L	98
49) Dibromochloromethane	8.29	129	20097	0.848	ug/L	94
50) 1,2-Dibromoethane	8.40	107	14106	0.795	ug/L	94
51) Chlorobenzene	8.92	112	64720	0.850	ug/L	99
52) Ethylbenzene	9.05	91	92284	0.757	ug/L	98
53) m,p-xylene	9.18	106	34785	0.761	ug/L	100
54) o-xylene	9.58	106	33039	0.745	ug/L	98
55) Styrene	9.60	104	56875	0.757	ug/L	99
56) Isopropylbenzene	9.97	105	90846	0.766	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	17044	0.830	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	13611	0.847	ug/L	98
61) Bromoform	9.77	173	12047	0.885	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	54693	0.891	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	56044	0.900	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	50042	0.876	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	3164	0.928	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	45452	0.886	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	35552	0.841	ug/L	99
69) Naphthalene	13.55	128	39211	0.682	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	31012	0.812	ug/L	98

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

