

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090519\
 Data File : VV012581.D
 Acq On : 05 Sep 2019 13:09
 Operator : SY/MD
 Sample : VSTD00132
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00132

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:56:20 PM

Quant Time: Sep 06 02:51:28 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Fri Sep 06 02:40:30 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143250	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13950	0.99	ug/L	0.00
7) Chloroethane-d5	1.58	69	13270	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	33242	0.97	ug/L	0.00
20) 2-Butanone-d5	3.98	46	23564m	8.82	ug/L	0.02
24) Chloroform-d	4.40	84	20961	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	10960	0.97	ug/L	0.00
32) Benzene-d6	5.10	84	35056	0.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	11559	0.89	ug/L	0.00
41) Toluene-d8	7.36	98	29680	0.79	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4126	0.87	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	10755	6.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	7662	0.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	10090	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	15668	0.858 ug/L	95
3) Chloromethane	1.25	50	21418	0.986 ug/L	99
5) Vinyl chloride	1.32	62	21688	0.923 ug/L	95
6) Bromomethane	1.54	94	13138	0.938 ug/L	99
8) Chloroethane	1.60	64	15249	0.944 ug/L	96
9) Trichlorofluoromethane	1.77	101	32284	0.897 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18617	0.923 ug/L	96
12) 1,1-Dichloroethene	2.14	96	17485	0.938 ug/L	93
13) Acetone	2.23	43	32586	8.758 ug/L	92
14) Carbon disulfide	2.32	76	55301	0.920 ug/L	98
15) Methyl Acetate	2.47	43	7591	0.828 ug/L	93
16) Methylene chloride	2.53	84	23111	1.083 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	26069	0.829 ug/L #	94
18) trans-1,2-Dichloroethene	2.79	96	14325	0.961 ug/L	90
19) 1,1-Dichloroethane	3.23	63	26634	0.928 ug/L	95
21) 2-Butanone	4.07	43	30718	8.540 ug/L #	69
22) cis-1,2-Dichloroethene	3.96	96	13108	0.856 ug/L	87
23) Bromochloromethane	4.30	128	5676	0.918 ug/L	95
25) Chloroform	4.43	83	29959	0.991 ug/L	99
27) 1,2-Dichloroethane	5.18	62	16705	0.950 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	20460	0.840 ug/L	96
30) Cyclohexane	4.72	56	19020	0.759 ug/L	97
31) Carbon tetrachloride	4.87	117	19112	0.897 ug/L	96
33) Benzene	5.14	78	49255	0.817 ug/L	100
34) Trichloroethene	5.96	95	14722	0.878 ug/L	96
35) Methylcyclohexane	6.17	83	18135	0.714 ug/L	98
37) 1,2-Dichloropropane	6.22	63	13027	0.803 ug/L #	94
38) Bromodichloromethane	6.55	83	17389	0.853 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	14594	0.705 ug/L	89
40) 4-Methyl-2-pentanone	7.28	43	65652	7.054 ug/L	97

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

42) Toluene	7.43	91	49649	0.755	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	11420	0.693	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	9007	0.887	ug/L	91
47) Tetrachloroethene	8.02	164	10407	0.864	ug/L	97
48) 2-Hexanone	8.20	43	43090	6.572	ug/L	98
49) Dibromochloromethane	8.29	129	9792	0.820	ug/L	94
50) 1,2-Dibromoethane	8.40	107	7681	0.847	ug/L #	94
51) Chlorobenzene	8.92	112	33208	0.809	ug/L	96
52) Ethylbenzene	9.05	91	48693	0.686	ug/L	99
53) m,p-xylene	9.18	106	17622	0.682	ug/L	98
54) o-xylene	9.59	106	16011	0.658	ug/L	99
55) Styrene	9.60	104	25729	0.620	ug/L	97
56) Isopropylbenzene	9.97	105	42491	0.634	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	9066	0.806	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	7739	0.856	ug/L	98
61) Bromoform	9.77	173	4545	0.887	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	21087	0.780	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	23361	0.845	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	20811	0.838	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.48	75	1507	0.904	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	14075	0.719	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	8904	0.635	ug/L	97
69) Naphthalene	13.56	128	10390	0.502	ug/L	95
70) 1,2,3-Trichlorobenzene	13.79	180	8452	0.657	ug/L	99

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

