

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081319\
 Data File : VV012215.D
 Acq On : 13 Aug 2019 15:00
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00136

Manual Integrations
 APPROVED

MMDadoda
 8/14/2019 10:33:32 AM

Quant Time: Aug 14 02:12:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 14 02:01:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	202597	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	196999	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	93388	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12085	1.33	ug/L	0.00
7) Chloroethane-d5	1.58	69	9363	1.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	18185	1.03	ug/L	0.00
20) 2-Butanone-d5	3.99	46	23553	10.24	ug/L	0.02
24) Chloroform-d	4.40	84	23922	0.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	11030	0.88	ug/L	0.00
32) Benzene-d6	5.09	84	44994	0.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	13150	1.01	ug/L	0.00
41) Toluene-d8	7.36	98	38750	0.80	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5418	0.85	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	12354	6.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	9117	0.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	14693	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	18209	0.943 ug/L	98
3) Chloromethane	1.25	50	16851	1.625 ug/L	95
5) Vinyl chloride	1.32	62	17545	1.515 ug/L	98
6) Bromomethane	1.53	94	9567	1.443 ug/L	97
8) Chloroethane	1.60	64	9794	1.505 ug/L	92
9) Trichlorofluoromethane	1.77	101	22130	1.104 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10328	1.120 ug/L	97
12) 1,1-Dichloroethene	2.14	96	9276	1.094 ug/L	97
13) Acetone	2.23	43	15740m	11.368 ug/L	
14) Carbon disulfide	2.31	76	30009	1.257 ug/L	99
15) Methyl Acetate	2.47	43	3712	1.194 ug/L	95
16) Methylene chloride	2.53	84	12547	1.379 ug/L	91
17) Methyl tert-butyl Ether	2.81	73	29323	1.034 ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	14439	1.163 ug/L	95
19) 1,1-Dichloroethane	3.22	63	24548	1.168 ug/L	97
21) 2-Butanone	4.05	43	30165m	11.958 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	14086	1.021 ug/L	96
23) Bromochloromethane	4.30	128	6321	0.981 ug/L	98
25) Chloroform	4.42	83	29540	1.135 ug/L	96
27) 1,2-Dichloroethane	5.18	62	15142	0.983 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	22305	0.911 ug/L	99
30) Cyclohexane	4.71	56	20609	1.092 ug/L	99
31) Carbon tetrachloride	4.87	117	19896	0.850 ug/L	96
33) Benzene	5.14	78	53455	1.053 ug/L	100
34) Trichloroethene	5.96	95	14710	1.001 ug/L	97
35) Methylcyclohexane	6.17	83	20983	0.907 ug/L	95
37) 1,2-Dichloropropane	6.22	63	13334	1.162 ug/L	99
38) Bromodichloromethane	6.55	83	17360	0.952 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	16410	0.839 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	65631	10.120 ug/L	99

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42) Toluene	7.43	91	54482	0.936	ug/L	96
44) trans-1,3-Dichloropropene	7.69	75	13837	0.902	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	8560	0.927	ug/L	98
47) Tetrachloroethene	8.02	164	12161	0.885	ug/L	95
48) 2-Hexanone	8.19	43	44628	9.780	ug/L	99
49) Dibromochloromethane	8.29	129	10495	0.793	ug/L	90
50) 1,2-Dibromoethane	8.40	107	8805	0.969	ug/L	92
51) Chlorobenzene	8.92	112	37281	0.957	ug/L	99
52) Ethylbenzene	9.05	91	56860	0.876	ug/L	99
53) m,p-xylene	9.18	106	21027	0.828	ug/L	94
54) o-xylene	9.59	106	19560	0.800	ug/L	91
55) Styrene	9.60	104	31710	0.777	ug/L	99
56) Isopropylbenzene	9.97	105	52093	0.776	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	9831	0.958	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	7604	0.968	ug/L	90
61) Bromoform	9.77	173	5362	0.760	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	28001	0.947	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	28429	0.962	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	25496	0.933	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1744	1.012	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.69	180	20653	0.840	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	13910	0.696	ug/L	97
69) Naphthalene	13.55	128	15709	0.493	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	13648	0.714	ug/L	93

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

