

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015618.D
 Acq On : 22 Apr 2020 13:43
 Operator : SY/MD
 Sample : VSTD00136
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00136

Manual Integrations
 APPROVED

apatel
 4/23/2020 10:33:03 AM

Quant Time: Apr 23 01:12:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 00:28:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	131041	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	6471	0.96	ug/L	0.00
7) Chloroethane-d5	1.58	69	6338	1.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	14386	1.00	ug/L	0.00
20) 2-Butanone-d5	3.95	46	19688m	10.02	ug/L	0.02
24) Chloroform-d	4.38	84	14544	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	8140	1.00	ug/L	0.00
32) Benzene-d6	5.08	84	27381	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	8559	0.97	ug/L	0.00
41) Toluene-d8	7.34	98	25533	0.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	3041	0.82	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	15289	8.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	6568	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	10027	1.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11017	0.878 ug/L	99
3) Chloromethane	1.24	50	10022	0.853 ug/L	99
5) Vinyl chloride	1.32	62	10489	0.912 ug/L	97
6) Bromomethane	1.53	94	4349	0.714 ug/L	93
8) Chloroethane	1.59	64	6515m	0.944 ug/L	
9) Trichlorofluoromethane	1.76	101	14889	0.995 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	8241	0.968 ug/L	96
12) 1,1-Dichloroethene	2.13	96	7711	0.952 ug/L	92
13) Acetone	2.22	43	15652	11.342 ug/L	71
14) Carbon disulfide	2.31	76	20752	0.768 ug/L	100
15) Methyl Acetate	2.47	43	3364	0.827 ug/L #	88
16) Methylene chloride	2.52	84	10205	1.069 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	21281	0.974 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	8557	0.945 ug/L	98
19) 1,1-Dichloroethane	3.21	63	16613	0.962 ug/L	97
21) 2-Butanone	4.03	43	23027	10.285 ug/L	94
22) cis-1,2-Dichloroethene	3.95	96	9679	1.019 ug/L	89
23) Bromochloromethane	4.28	128	3904	0.990 ug/L	88
25) Chloroform	4.41	83	18609	1.047 ug/L	96
27) 1,2-Dichloroethane	5.16	62	11717	1.019 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	15560	0.965 ug/L	99
30) Cyclohexane	4.70	56	14949	0.892 ug/L	98
31) Carbon tetrachloride	4.86	117	12919	0.931 ug/L	98
33) Benzene	5.13	78	35282	0.954 ug/L	100
34) Trichloroethene	5.94	95	9972	0.995 ug/L	96
35) Methylcyclohexane	6.15	83	15179	0.921 ug/L	99
37) 1,2-Dichloropropane	6.20	63	8881	0.964 ug/L	99
38) Bromodichloromethane	6.53	83	10899	0.900 ug/L #	96
39) cis-1,3-Dichloropropene	7.05	75	11569	0.836 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	55379	9.171 ug/L	99

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42) Toluene	7.41	91	36673	0.917	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	8971	0.763	ug/L	98
45) 1,1,2-Trichloroethane	7.87	97	5829	0.935	ug/L	96
47) Tetrachloroethene	8.00	164	6941	0.942	ug/L	95
48) 2-Hexanone	8.17	43	38681	9.125	ug/L	99
49) Dibromochloromethane	8.27	129	5756	0.798	ug/L	90
50) 1,2-Dibromoethane	8.38	107	5556	0.937	ug/L	98
51) Chlorobenzene	8.90	112	24345	0.952	ug/L	98
52) Ethylbenzene	9.04	91	42509	0.925	ug/L	98
53) m,p-xylene	9.16	106	15219	0.879	ug/L	95
54) o-xylene	9.57	106	14790	0.882	ug/L	97
55) Styrene	9.58	104	24551	0.869	ug/L	99
56) Isopropylbenzene	9.96	105	41488	0.899	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	6729	0.899	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	5666	0.992	ug/L	98
61) Bromoform	9.76	173	2271	0.674	ug/L #	98
62) 1,3-Dichlorobenzene	11.21	146	19727	0.999	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	19923	0.990	ug/L	96
65) 1,2-Dichlorobenzene	11.67	146	17815	0.984	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.46	75	1165	0.866	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	14159	0.990	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	12810	0.983	ug/L	98
69) Naphthalene	13.53	128	21800	0.902	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	11416	0.995	ug/L	98

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

