

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015414.D
 Acq On : 09 Apr 2020 12:19
 Operator : SY/MD
 Sample : VSTD00135
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00135

Manual Integrations
 APPROVED

apatel
 4/10/2020 11:13:15 AM

Quant Time: Apr 10 03:54:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 02:18:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114471	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	107108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	5710	0.73	ug/L	0.00
7) Chloroethane-d5	1.57	69	5188	0.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	12275	0.69	ug/L	0.00
20) 2-Butanone-d5	3.99	46	15190	8.22	ug/L	0.00
24) Chloroform-d	4.38	84	12264	0.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	6684	0.93	ug/L	0.00
32) Benzene-d6	5.08	84	22964	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	7174	0.94	ug/L	0.00
41) Toluene-d8	7.34	98	20827	0.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	2947	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.12	63	13882	9.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	5504	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	8301	0.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11286	1.045 ug/L	98
3) Chloromethane	1.25	50	10775	0.968 ug/L	99
5) Vinyl chloride	1.32	62	9961	0.867 ug/L	96
6) Bromomethane	1.53	94	5621	0.778 ug/L	98
8) Chloroethane	1.59	64	5777	0.847 ug/L	95
9) Trichlorofluoromethane	1.76	101	13213	0.806 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	7515	0.737 ug/L	98
12) 1,1-Dichloroethene	2.13	96	6946	0.712 ug/L	91
13) Acetone	2.24	43	10653m	8.401 ug/L	
14) Carbon disulfide	2.30	76	23877	0.761 ug/L	100
15) Methyl Acetate	2.47	43	2328	0.596 ug/L #	83
16) Methylene chloride	2.52	84	8216	0.709 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	18693	0.839 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	7895	0.766 ug/L	98
19) 1,1-Dichloroethane	3.21	63	14776	0.824 ug/L	99
21) 2-Butanone	4.06	43	16091m	7.779 ug/L	
22) cis-1,2-Dichloroethene	3.94	96	7891	0.746 ug/L	97
23) Bromochloromethane	4.27	128	3368	0.777 ug/L	95
25) Chloroform	4.40	83	15082	0.749 ug/L	93
27) 1,2-Dichloroethane	5.16	62	9676	1.070 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	13651	0.843 ug/L	99
30) Cyclohexane	4.70	56	14539	0.929 ug/L	99
31) Carbon tetrachloride	4.85	117	11841	0.847 ug/L	97
33) Benzene	5.12	78	30767	1.070 ug/L	100
34) Trichloroethene	5.94	95	8766	1.078 ug/L	91
35) Methylcyclohexane	6.15	83	14219	1.005 ug/L	98
37) 1,2-Dichloropropane	6.20	63	7785	1.121 ug/L #	97
38) Bromodichloromethane	6.53	83	10089	1.054 ug/L	94
39) cis-1,3-Dichloropropene	7.05	75	11656	1.067 ug/L	96
40) 4-Methyl-2-pentanone	7.26	43	49271	12.179 ug/L	100

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42) Toluene	7.41	91	33050	0.971	ug/L	96
44) trans-1,3-Dichloropropene	7.68	75	9657	1.037	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	5181	1.001	ug/L	96
47) Tetrachloroethene	8.00	164	6392	1.067	ug/L	94
48) 2-Hexanone	8.17	43	33849	11.783	ug/L	97
49) Dibromochloromethane	8.27	129	5790	0.946	ug/L	100
50) 1,2-Dibromoethane	8.38	107	4945	1.005	ug/L #	100
51) Chlorobenzene	8.90	112	21272	0.967	ug/L	96
52) Ethylbenzene	9.04	91	38408	0.978	ug/L	98
53) m,p-xylene	9.16	106	14455	0.956	ug/L	96
54) o-xylene	9.57	106	13864	0.947	ug/L	99
55) Styrene	9.58	104	22617	0.934	ug/L	98
56) Isopropylbenzene	9.95	105	39567	1.007	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.27	83	6100	1.020	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	4561	1.009	ug/L	93
61) Bromoform	9.75	173	2928	1.033	ug/L #	97
62) 1,3-Dichlorobenzene	11.21	146	16864	0.953	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	17475	0.984	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	15156	0.960	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.46	75	1110	0.971	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	12178	0.987	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	10894	1.000	ug/L	97
69) Naphthalene	13.53	128	19403	0.774	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	9327	0.993	ug/L	97

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

