

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016192.D
 Acq On : 26 May 2020 15:23
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00133

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 5:17:04 PM

Quant Time: May 27 02:15:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 02:00:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	93812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	90209	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6247	1.17	ug/L	0.00
7) Chloroethane-d5	1.58	69	5266	1.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	11555	1.04	ug/L	0.00
20) 2-Butanone-d5	3.98	46	13449m	9.24	ug/L	0.00
24) Chloroform-d	4.38	84	11966	1.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	6427	1.01	ug/L	0.00
32) Benzene-d6	5.07	84	21411	0.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	6675	1.01	ug/L	0.00
41) Toluene-d8	7.34	98	20341	0.99	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.65	79	2299	0.88	ug/L	0.00
48) 2-Hexanone-d5	8.12	63	10535	9.23	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	4851	1.03	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	7082	0.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8060	1.078 ug/L	99
3) Chloromethane	1.25	50	9044	1.175 ug/L	97
5) Vinyl chloride	1.32	62	8141	1.117 ug/L	95
6) Bromomethane	1.53	94	4571	1.099 ug/L	95
8) Chloroethane	1.60	64	4703	0.922 ug/L	95
9) Trichlorofluoromethane	1.77	101	10446	1.058 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5779	1.038 ug/L	96
12) 1,1-Dichloroethene	2.13	96	5587	1.054 ug/L	89
13) Acetone	2.24	43	9442m	9.868 ug/L	
14) Carbon disulfide	2.31	76	16489	0.956 ug/L	96
15) Methyl Acetate	2.46	43	1817m	0.796 ug/L	
16) Methylene chloride	2.52	84	6331	1.010 ug/L	100
17) Methyl tert-butyl Ether	2.79	73	13515	0.991 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	5971	1.025 ug/L	98
19) 1,1-Dichloroethane	3.21	63	11275	1.014 ug/L	96
21) 2-Butanone	4.06	43	14623	9.670 ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	7006	1.129 ug/L	91
23) Bromochloromethane	4.28	128	2545	0.978 ug/L #	91
25) Chloroform	4.41	83	11784	0.963 ug/L	100
27) 1,2-Dichloroethane	5.16	62	7476	0.977 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	10297	1.010 ug/L	98
30) Cyclohexane	4.69	56	10886	1.051 ug/L	99
31) Carbon tetrachloride	4.85	117	8714	0.991 ug/L	99
33) Benzene	5.13	78	25287	1.073 ug/L	100
34) Trichloroethene	5.94	95	6776	1.029 ug/L	98
35) Methylcyclohexane	6.15	83	10551	1.035 ug/L	99
37) 1,2-Dichloropropane	6.20	63	6071	1.013 ug/L	100
38) Bromodichloromethane	6.53	83	7296	0.974 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	8125	0.967 ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	37107	9.998 ug/L	97

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

42) Toluene	7.41	91	26881	1.073	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	22426	0.968	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	23310	1.005	ug/L	98
46) trans-1,3-Dichloropropene	7.68	75	6421	0.904	ug/L	93
47) 1,1,2-Trichloroethane	7.86	97	4241	1.064	ug/L	94
49) Tetrachloroethene	8.00	164	4619	0.994	ug/L	87
50) 2-Hexanone	8.17	43	23928	9.170	ug/L	94
51) Dibromochloromethane	8.27	129	3806	0.869	ug/L	92
52) 1,2-Dibromoethane	8.38	107	3665	0.995	ug/L #	94
53) Chlorobenzene	8.90	112	16789	1.046	ug/L	97
54) Ethylbenzene	9.03	91	28496	0.997	ug/L	99
55) m,p-xylene	9.16	106	11252	1.065	ug/L	96
56) o-xylene	9.57	106	10300	1.020	ug/L	95
57) Styrene	9.58	104	16401	0.971	ug/L	94
58) Isopropylbenzene	9.95	105	28509	1.030	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.27	83	5024	1.150	ug/L	97
62) Bromoform	9.76	173	1564	0.778	ug/L #	93
63) 1,3-Dichlorobenzene	11.20	146	12922	1.068	ug/L	94
64) 1,4-Dichlorobenzene	11.30	146	13022	1.065	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	11356	1.035	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	778	1.070	ug/L	88
68) 1,3,5-Trichlorobenzene	12.67	180	8968	1.018	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	7835	1.030	ug/L	98
70) Naphthalene	13.53	128	18035	1.418	ug/L	97
71) 1,2,3-Trichlorobenzene	13.77	180	7157	1.066	ug/L	98

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

