

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016265.D
 Acq On : 28 May 2020 10:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: May 29 01:05:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	92726	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	91229	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	44646	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25237	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	23305	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	54424	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.93	46	75906	51.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.38	84	54366	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	29496	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.07	84	103849	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.09	67	33031	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	100470	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.64	79	12031	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
48) 2-Hexanone-d5	8.11	63	55453	46.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24822	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	35256	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	43940	5.383	ug/L 97
3) Chloromethane	1.25	50	44701	5.009	ug/L 100
5) Vinyl chloride	1.32	62	42429	5.225	ug/L 99
6) Bromomethane	1.53	94	18165	3.976	ug/L 99
8) Chloroethane	1.60	64	25796	5.686	ug/L 98
9) Trichlorofluoromethane	1.77	101	57412	5.468	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	32194	5.626	ug/L 100
12) 1,1-Dichloroethene	2.14	96	29609	5.414	ug/L 96
13) Acetone	2.21	43	51514	56.336	ug/L 91
14) Carbon disulfide	2.31	76	89409	5.274	ug/L 99
15) Methyl Acetate	2.45	43	12532	5.363	ug/L 99
16) Methylene chloride	2.52	84	35729	5.698	ug/L 96
17) Methyl tert-butyl Ether	2.79	73	70686	5.249	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	30907	5.164	ug/L 94
19) 1,1-Dichloroethane	3.21	63	63642	5.598	ug/L 100
21) 2-Butanone	4.02	43	87000	53.485	ug/L 91
22) cis-1,2-Dichloroethene	3.94	96	34755	4.910	ug/L 98

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

23) Bromochloromethane	4.27	128	14199	5.284	ug/L	97
25) Chloroform	4.40	83	64537	5.364	ug/L	98
27) 1,2-Dichloroethane	5.15	62	40523	5.151	ug/L #	95
29) 1,1,1-Trichloroethane	4.63	97	55228	5.100	ug/L	99
30) Cyclohexane	4.70	56	59884	5.161	ug/L	98
31) Carbon tetrachloride	4.85	117	46863	5.108	ug/L	99
33) Benzene	5.12	78	135707	5.169	ug/L	100
34) Trichloroethene	5.94	95	35442	5.182	ug/L	99
35) Methylcyclohexane	6.15	83	58584	5.079	ug/L	99
37) 1,2-Dichloropropane	6.20	63	34169	5.307	ug/L	99
38) Bromodichloromethane	6.53	83	41490	5.237	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	46242	5.071	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	209671	52.339	ug/L	99
42) Toluene	7.41	91	148289	5.180	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	135422	5.196	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	140493	5.234	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	38466	5.077	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	22210	5.244	ug/L	97
49) Tetrachloroethene	8.00	164	25862	5.267	ug/L	97
50) 2-Hexanone	8.16	43	152071	54.433	ug/L	99
51) Dibromochloromethane	8.27	129	24473	5.456	ug/L	96
52) 1,2-Dibromoethane	8.37	107	20425	5.133	ug/L	99
53) Chlorobenzene	8.90	112	91537	5.174	ug/L	100
54) Ethylbenzene	9.03	91	168282	5.273	ug/L	99
55) m,p-xylene	9.16	106	63633	5.318	ug/L	97
56) o-xylene	9.56	106	58682	5.146	ug/L	97
57) Styrene	9.58	104	102759	5.415	ug/L	100
58) Isopropylbenzene	9.95	105	162930	5.216	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	27494	5.222	ug/L	96
62) Bromoform	9.75	173	10873	5.663	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	71750	5.266	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	72024	5.202	ug/L	96
66) 1,2-Dichlorobenzene	11.67	146	64558	5.242	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	4605	5.536	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	51220	5.312	ug/L	98
69) 1,2,4-trichlorobenzene	13.28	180	42635	5.036	ug/L	98
70) Naphthalene	13.53	128	77120	4.169	ug/L	98
71) 1,2,3-Trichlorobenzene	13.77	180	38560	5.050	ug/L	99

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

