

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016373.D
 Acq On : 30 May 2020 20:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Jun 01 05:18:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	91384	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86364	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	43093	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32252	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	24747	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.12	63	59072	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	3.97	46	53098	30.76	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.52%
24) Chloroform-d	4.37	84	60800	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	31552	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.07	84	116763	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.10	67	34441	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.34	98	107408	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
45) trans-1,3-Dichloropropene-	7.65	79	13150	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
48) 2-Hexanone-d5	8.12	63	57577	45.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25367	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	35551	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	34023	4.567	ug/L 100
3) Chloromethane	1.25	50	35015	3.838	ug/L 98
5) Vinyl chloride	1.32	62	33646	4.127	ug/L 100
6) Bromomethane	1.53	94	11707	2.556	ug/L 99
8) Chloroethane	1.59	64	19387	3.947	ug/L 97
9) Trichlorofluoromethane	1.76	101	48390	4.383	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	25504	4.121	ug/L 99
12) 1,1-Dichloroethene	2.13	96	24107	4.099	ug/L 78
13) Acetone	2.24	43	21188	18.248	ug/L 61
14) Carbon disulfide	2.31	76	74126	4.145	ug/L 98
15) Methyl Acetate	2.46	43	8565	2.940	ug/L 96
16) Methylene chloride	2.52	84	25568	4.064	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	59805	4.341	ug/L 99
18) trans-1,2-Dichloroethene	2.77	96	25943	4.156	ug/L 94
19) 1,1-Dichloroethane	3.21	63	50056	4.065	ug/L 95
21) 2-Butanone	4.05	43	45654	26.664	ug/L 96
22) cis-1,2-Dichloroethene	3.93	96	32707	4.747	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	12667	4.711	ug/L	92
25) Chloroform	4.40	83	56427	4.572	ug/L	98
27) 1,2-Dichloroethane	5.16	62	36573	4.493	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	49361	4.848	ug/L	100
30) Cyclohexane	4.69	56	55212	5.037	ug/L	99
31) Carbon tetrachloride	4.85	117	40486	4.619	ug/L	95
33) Benzene	5.12	78	122547	4.791	ug/L	100
34) Trichloroethene	5.94	95	31502	4.699	ug/L	92
35) Methylcyclohexane	6.15	83	52634	4.874	ug/L	98
37) 1,2-Dichloropropane	6.20	63	30783	4.761	ug/L	99
38) Bromodichloromethane	6.53	83	35561	4.573	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	41287	4.834	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	185595	47.531	ug/L	98
42) Toluene	7.41	91	132626	4.880	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	120172	4.984	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	124957	5.087	ug/L	99
46) trans-1,3-Dichloropropene	7.68	75	34532	4.894	ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	19712	4.766	ug/L	96
49) Tetrachloroethene	7.99	164	22848	4.646	ug/L	99
50) 2-Hexanone	8.17	43	125484	46.075	ug/L	99
51) Dibromochloromethane	8.27	129	20947	4.845	ug/L	96
52) 1,2-Dibromoethane	8.38	107	18907	4.837	ug/L	96
53) Chlorobenzene	8.90	112	82357	4.827	ug/L	98
54) Ethylbenzene	9.03	91	148573	4.956	ug/L	99
55) m,p-xylene	9.16	106	56561	5.041	ug/L	97
56) o-xylene	9.56	106	53244	5.038	ug/L	100
57) Styrene	9.58	104	91553	5.074	ug/L	100
58) Isopropylbenzene	9.95	105	146175	5.076	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	23321	4.471	ug/L	96
62) Bromoform	9.75	173	8388	4.609	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	62868	4.736	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	64075	4.669	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	56922	4.607	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	3670	4.557	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	42950	4.494	ug/L	100
69) 1,2,4-trichlorobenzene	13.29	180	36731	4.477	ug/L	98
70) Naphthalene	13.53	128	97289	4.951	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	32534	4.444	ug/L	99

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

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