

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060220\
 Data File : VV016426.D
 Acq On : 02 Jun 2020 13:02
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: Jun 02 18:21:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 16:49:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	78594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	77929	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27631	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	23776	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	55318	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	3.94	46	85214	57.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.80%
24) Chloroform-d	4.37	84	53565	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.06	65	31726	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.07	84	111689	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.09	67	35581	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	101016	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
45) trans-1,3-Dichloropropene-	7.64	79	12555	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
48) 2-Hexanone-d5	8.11	63	65998	57.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26412	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	33894	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	36101	5.635	ug/L	99
3) Chloromethane	1.25	50	38647	4.926	ug/L	97
5) Vinyl chloride	1.32	62	37723	5.381	ug/L	99
6) Bromomethane	1.53	94	17162	4.357	ug/L	97
8) Chloroethane	1.60	64	22433	5.311	ug/L	95
9) Trichlorofluoromethane	1.77	101	53957	5.682	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	29366	5.517	ug/L	98
12) 1,1-Dichloroethene	2.14	96	27774	5.491	ug/L	96
13) Acetone	2.22	43	47543	47.609	ug/L	99
14) Carbon disulfide	2.31	76	80194	5.213	ug/L	98
15) Methyl Acetate	2.46	43	11832	4.722	ug/L	97
16) Methylene chloride	2.52	84	29001	5.360	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	67183	5.671	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	28769	5.358	ug/L	96
19) 1,1-Dichloroethane	3.21	63	58162	5.491	ug/L	98
21) 2-Butanone	4.02	43	87587	59.480	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	34189	5.769	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	14138	6.113	ug/L	92
25) Chloroform	4.40	83	69924	6.588	ug/L	97
27) 1,2-Dichloroethane	5.15	62	39031	5.576	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	55042	5.991	ug/L	97
30) Cyclohexane	4.70	56	55718	5.634	ug/L	98
31) Carbon tetrachloride	4.85	117	45831	5.795	ug/L	100
33) Benzene	5.12	78	132958	5.761	ug/L	100
34) Trichloroethene	5.94	95	34417	5.689	ug/L	98
35) Methylcyclohexane	6.15	83	54162	5.558	ug/L	99
37) 1,2-Dichloropropane	6.20	63	33456	5.735	ug/L	100
38) Bromodichloromethane	6.53	83	40320	5.747	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	45274	5.875	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	210472	59.737	ug/L	100
42) Toluene	7.41	91	140747	5.739	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	124760	5.735	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	130377	5.882	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	37465	5.885	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	22053	5.910	ug/L	96
49) Tetrachloroethene	8.00	164	24643	5.554	ug/L	98
50) 2-Hexanone	8.16	43	149414	60.799	ug/L	99
51) Dibromochloromethane	8.27	129	23172	5.939	ug/L	95
52) 1,2-Dibromoethane	8.37	107	20453	5.799	ug/L	100
53) Chlorobenzene	8.90	112	87131	5.659	ug/L	98
54) Ethylbenzene	9.03	91	158863	5.872	ug/L	98
55) m,p-xylene	9.16	106	58740	5.802	ug/L	99
56) o-xylene	9.57	106	55201	5.789	ug/L	99
57) Styrene	9.58	104	97042	5.960	ug/L	99
58) Isopropylbenzene	9.95	105	150527	5.793	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	26534	5.637	ug/L	99
62) Bromoform	9.76	173	9653	6.072	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	67097	5.786	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	68545	5.718	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	60551	5.610	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	3543	5.036	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	44769	5.362	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	32460	4.529	ug/L	98
70) Naphthalene	13.53	128	47516	2.768	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	23141	3.618	ug/L	98

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

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