

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016290.D
 Acq On : 28 May 2020 20:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: May 29 01:19:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83784	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	82154	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40494	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23700	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	22079	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.13	63	49509	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	3.94	46	73636	55.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.34%
24) Chloroform-d	4.38	84	50263	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	28690	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	101608	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.10	67	31821	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	97238	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	7.65	79	11069	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
48) 2-Hexanone-d5	8.12	63	54887	50.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23244	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	33849	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	40758	5.526	ug/L	100
3) Chloromethane	1.25	50	42685	5.294	ug/L	99
5) Vinyl chloride	1.32	62	40223	5.482	ug/L	98
6) Bromomethane	1.53	94	19718	4.777	ug/L	99
8) Chloroethane	1.60	64	24245	5.914	ug/L	99
9) Trichlorofluoromethane	1.77	101	51534	5.432	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	28238	5.462	ug/L	99
12) 1,1-Dichloroethene	2.14	96	26403	5.343	ug/L	84
13) Acetone	2.21	43	44501	53.861	ug/L	90
14) Carbon disulfide	2.31	76	80379	5.247	ug/L	99
15) Methyl Acetate	2.46	43	12584	5.960	ug/L	96
16) Methylene chloride	2.53	84	28827	5.088	ug/L	95
17) Methyl tert-butyl Ether	2.79	73	64298	5.284	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	28267	5.227	ug/L	96
19) 1,1-Dichloroethane	3.21	63	60115	5.852	ug/L	98
21) 2-Butanone	4.02	43	80537	54.796	ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	32748	5.120	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	13357	5.502	ug/L	97
25) Chloroform	4.41	83	64101	5.896	ug/L	99
27) 1,2-Dichloroethane	5.16	62	38075	5.357	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	51686	5.301	ug/L	99
30) Cyclohexane	4.70	56	54484	5.214	ug/L	99
31) Carbon tetrachloride	4.86	117	42456	5.139	ug/L	96
33) Benzene	5.13	78	126227	5.339	ug/L	100
34) Trichloroethene	5.94	95	33106	5.375	ug/L	96
35) Methylcyclohexane	6.15	83	53235	5.125	ug/L	99
37) 1,2-Dichloropropane	6.20	63	31327	5.403	ug/L	99
38) Bromodichloromethane	6.53	83	37996	5.326	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	41573	5.062	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	196056	54.347	ug/L	99
42) Toluene	7.41	91	138308	5.365	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	124570	5.307	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	128647	5.322	ug/L	100
46) trans-1,3-Dichloropropene	7.68	75	34605	5.072	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	20937	5.490	ug/L	95
49) Tetrachloroethene	8.00	164	23826	5.389	ug/L	97
50) 2-Hexanone	8.17	43	140650	55.907	ug/L	98
51) Dibromochloromethane	8.27	129	21941	5.432	ug/L	97
52) 1,2-Dibromoethane	8.38	107	18744	5.231	ug/L	98
53) Chlorobenzene	8.90	112	85727	5.381	ug/L	98
54) Ethylbenzene	9.04	91	152975	5.323	ug/L	100
55) m,p-xylene	9.16	106	59242	5.498	ug/L	100
56) o-xylene	9.57	106	54393	5.297	ug/L	99
57) Styrene	9.58	104	94663	5.539	ug/L	97
58) Isopropylbenzene	9.95	105	150275	5.342	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	25028	5.279	ug/L	99
62) Bromoform	9.75	173	9412	5.405	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	65719	5.318	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	65550	5.220	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	59989	5.371	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	3914	5.188	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	46055	5.266	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	38777	5.049	ug/L	98
70) Naphthalene	13.53	128	76659	4.569	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	35460	5.120	ug/L	98

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

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