

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017020.D
 Acq On : 22 Jun 2020 15:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00552

Quant Time: Jun 23 04:41:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 17:11:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	199392	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	189675	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	102470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47547	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	36613	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	95960	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	3.94	46	145164	47.60	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.20%
24) Chloroform-d	4.37	84	119195	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	62735	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.07	84	221177	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.09	67	65309	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.33	98	215204	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.64	79	28366	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
48) 2-Hexanone-d5	8.11	63	100601	43.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.06%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45973	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	82763	4.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	79557	4.998	ug/L	98
3) Chloromethane	1.25	50	63840	4.733	ug/L	97
5) Vinyl chloride	1.32	62	62750	4.796	ug/L	97
6) Bromomethane	1.53	94	38951	5.108	ug/L	99
8) Chloroethane	1.60	64	37522	5.189	ug/L	97
9) Trichlorofluoromethane	1.77	101	105024	4.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52305	4.953	ug/L	99
12) 1,1-Dichloroethene	2.13	96	47753	4.990	ug/L	89
13) Acetone	2.21	43	84042	54.510	ug/L	92
14) Carbon disulfide	2.31	76	139287	4.858	ug/L	98
15) Methyl Acetate	2.46	43	18393	4.879	ug/L	93
16) Methylene chloride	2.52	84	48678	4.750	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	123150	5.125	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	51506	5.079	ug/L	96
19) 1,1-Dichloroethane	3.21	63	110931	4.869	ug/L	98
21) 2-Butanone	4.03	43	161906	55.708	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	69095	4.983	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	31138	5.284	ug/L	99
25) Chloroform	4.40	83	123425	4.959	ug/L	98
27) 1,2-Dichloroethane	5.16	62	80273	5.192	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	117043	5.151	ug/L	97
30) Cyclohexane	4.70	56	105146	4.862	ug/L	99
31) Carbon tetrachloride	4.85	117	104522	5.097	ug/L	97
33) Benzene	5.12	78	253595	5.105	ug/L	100
34) Trichloroethene	5.94	95	72084	4.956	ug/L	97
35) Methylcyclohexane	6.15	83	110322	4.879	ug/L	98
37) 1,2-Dichloropropane	6.20	63	63272	5.146	ug/L #	92
38) Bromodichloromethane	6.53	83	82366	4.931	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	90608	4.960	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	377891	53.227	ug/L	99
42) Toluene	7.41	91	280806	4.862	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	266294	5.156	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	270706	5.148	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	79071	5.004	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	43784	5.020	ug/L	98
49) Tetrachloroethene	7.99	164	58793	5.022	ug/L	98
50) 2-Hexanone	8.16	43	271857	53.807	ug/L	99
51) Dibromochloromethane	8.27	129	52952	5.009	ug/L	96
52) 1,2-Dibromoethane	8.37	107	40811	4.934	ug/L	99
53) Chlorobenzene	8.90	112	181321	5.037	ug/L	99
54) Ethylbenzene	9.03	91	315849	5.124	ug/L	99
55) m,p-xylene	9.16	106	117962	4.879	ug/L	96
56) o-xylene	9.56	106	113530	5.032	ug/L	97
57) Styrene	9.58	104	198800	5.318	ug/L	97
58) Isopropylbenzene	9.95	105	318320	5.127	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	47381	5.252	ug/L	98
62) Bromoform	9.75	173	25853	4.716	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	152389	4.940	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	152646	4.868	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	141986	5.071	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7741	4.999	ug/L	92
68) 1,3,5-Trichlorobenzene	12.67	180	120437	4.859	ug/L	100
69) 1,2,4-trichlorobenzene	13.28	180	99543	4.879	ug/L	98
70) Naphthalene	13.52	128	146910	5.099	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	84515	5.079	ug/L	99

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

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