

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017338.D
 Acq On : 06 Jul 2020 09:26
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Quant Time: Jul 07 01:06:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 06 11:57:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	165971	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158855	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	87794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44833	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	35898	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	97631	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.94	46	106686	42.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.04%
24) Chloroform-d	4.37	84	104787	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.06	65	53420	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.07	84	186803	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	53011	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.33	98	180261	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
45) trans-1,3-Dichloropropene-	7.64	79	23734	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
48) 2-Hexanone-d5	8.11	63	77330	39.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37816	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	70417	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	64642	4.879	ug/L 99
3) Chloromethane	1.25	50	49103	4.373	ug/L 98
5) Vinyl chloride	1.32	62	54081	4.966	ug/L 98
6) Bromomethane	1.53	94	27561	4.342	ug/L 99
8) Chloroethane	1.60	64	31741	5.274	ug/L 96
9) Trichlorofluoromethane	1.77	101	103441	5.865	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	52073	5.924	ug/L 97
12) 1,1-Dichloroethene	2.14	96	44318	5.564	ug/L 88
13) Acetone	2.22	43	75547	58.867	ug/L 97
14) Carbon disulfide	2.31	76	120228	5.038	ug/L 98
15) Methyl Acetate	2.46	43	15756	5.022	ug/L 93
16) Methylene chloride	2.52	84	46536	5.455	ug/L 95
17) Methyl tert-butyl Ether	2.79	73	114685	5.734	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	46991	5.567	ug/L 97
19) 1,1-Dichloroethane	3.21	63	99551	5.249	ug/L 97
21) 2-Butanone	4.02	43	116168	48.020	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	57484	4.980	ug/L # 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	26559	5.414	ug/L	88
25) Chloroform	4.40	83	113300	5.469	ug/L	97
27) 1,2-Dichloroethane	5.16	62	68204	5.300	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	107520	5.649	ug/L	99
30) Cyclohexane	4.70	56	80837	4.464	ug/L	98
31) Carbon tetrachloride	4.85	117	99444	5.791	ug/L	96
33) Benzene	5.12	78	208677	5.016	ug/L	100
34) Trichloroethene	5.94	95	62464	5.128	ug/L	96
35) Methylcyclohexane	6.15	83	87664	4.629	ug/L	97
37) 1,2-Dichloropropane	6.20	63	51313	4.983	ug/L	99
38) Bromodichloromethane	6.53	83	77389	5.532	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	79164	5.174	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	287064	48.279	ug/L	99
42) Toluene	7.41	91	233775	4.833	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	234366	5.419	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	242577	5.508	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	70770	5.347	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	37721	5.164	ug/L	96
49) Tetrachloroethene	7.99	164	51663	5.269	ug/L	99
50) 2-Hexanone	8.16	43	204192	48.256	ug/L	98
51) Dibromochloromethane	8.27	129	50790	5.736	ug/L	99
52) 1,2-Dibromoethane	8.37	107	34311	4.953	ug/L	97
53) Chlorobenzene	8.90	112	156991	5.207	ug/L	97
54) Ethylbenzene	9.03	91	271026	5.250	ug/L	98
55) m,p-xylene	9.16	106	102984	5.086	ug/L	96
56) o-xylene	9.56	106	97986	5.186	ug/L	96
57) Styrene	9.58	104	170949	5.460	ug/L	97
58) Isopropylbenzene	9.95	105	276420	5.316	ug/L	99
60) 1,1,1,2-Tetrachloroethane	10.26	83	40889	5.412	ug/L	94
62) Bromoform	9.75	173	28908	6.155	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	137880	5.217	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	136935	5.097	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	122115	5.091	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	8214	6.191	ug/L	93
68) 1,3,5-Trichlorobenzene	12.67	180	110418	5.200	ug/L	98
69) 1,2,4-trichlorobenzene	13.28	180	89688	5.131	ug/L	99
70) Naphthalene	13.53	128	123484	5.002	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	78442	5.502	ug/L	99

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

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