

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060120\
 Data File : VV016398.D
 Acq On : 01 Jun 2020 09:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 02 01:08:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 OLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	83252	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	80722	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40419	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29456	4.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.80%		
7) Chloroethane-d5	1.58	69	24195	4.37	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	87.40%		
11) 1,1-Dichloroethene-d2	2.13	63	56943	4.47	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	89.40%		
20) 2-Butanone-d5	3.94	46	74622	47.45	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery =	94.90%		
24) Chloroform-d	4.38	84	55241	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.60%		
26) 1,2-Dichloroethane-d4	5.06	65	29450	4.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.80%		
32) Benzene-d6	5.07	84	107377	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.60%		
36) 1,2-Dichloropropane-d6	6.09	67	33337	4.71	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	94.20%		
41) Toluene-d8	7.33	98	100108	4.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.40%		
45) trans-1,3-Dichloropropene-	7.64	79	12094	4.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.60%		
48) 2-Hexanone-d5	8.11	63	54944	46.23	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.46%		
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24248	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	96.80%		
65) 1,2-Dichlorobenzene-d4	11.65	152	33124	4.41	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	88.20%		

Target Compounds

Target Compounds	R.T.	OIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	33794	4.980	ug/L	99
3) Chloromethane	1.25	50	37697	4.536	ug/L	100
5) Vinyl chloride	1.32	62	35886	4.832	ug/L	99
6) Bromomethane	1.53	94	18836	4.515	ug/L	98
8) Chloroethane	1.60	64	21656	4.840	ug/L	97
9) Trichlorofluoromethane	1.77	101	49747	4.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	28333	5.025	ug/L	98
12) 1,1-Dichloroethene	2.14	96	25462	4.752	ug/L	92
13) Acetone	2.21	43	44789	42.342	ug/L	98
14) Carbon disulfide	2.31	76	79123	4.856	ug/L	98
15) Methyl Acetate	2.46	43	11030	4.155	ug/L	97
16) Methylene chloride	2.52	84	27059	4.721	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	61626	4.911	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	26945	4.738	ug/L	98
19) 1,1-Dichloroethane	3.21	63	52569	4.686	ug/L	98
21) 2-Butanone	4.02	43	77987	49.997	ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	30866	4.917	ug/L	97
23) Bromochloromethane	4.27	128	13065	5.333	ug/L	96
25) Chloroform	4.40	83	61100	5.434	ug/L	98

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Internal Standards	R.T.	OIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.15	62	37823	5.101	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	49684	5.221	ug/L	98
30) Cvclohexane	4.70	56	51045	4.983	ug/L	98
31) Carbon tetrachloride	4.85	117	41884	5.113	ug/L	99
33) Benzene	5.12	78	121968	5.102	ug/L	100
34) Trichloroethene	5.94	95	31914	5.093	ug/L	93
35) Methylcvclohexane	6.15	83	52589	5.210	ug/L	97
37) 1,2-Dichloropropane	6.20	63	30770	5.092	ug/L	100
38) Bromodichloromethane	6.53	83	37236	5.124	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	40273	5.045	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	185571	50.847	ug/L	99
42) Toluene	7.41	91	132978	5.234	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	117075	5.195	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	120502	5.249	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	35175	5.334	ug/L	94
47) 1,1,2-Trichloroethane	7.86	97	20247	5.238	ug/L	97
49) Tetrachloroethene	8.00	164	23787	5.175	ug/L	93
50) 2-Hexanone	8.16	43	136433	53.596	ug/L	99
51) Dibromochloromethane	8.27	129	20841	5.157	ug/L	97
52) 1,2-Dibromoethane	8.37	107	18876	5.167	ug/L	100
53) Chlorobenzene	8.90	112	81332	5.100	ug/L	99
54) Ethylbenzene	9.03	91	144740	5.165	ug/L	99
55) m,p-xylene	9.16	106	55417	5.284	ug/L	98
56) o-xylene	9.57	106	51382	5.202	ug/L	100
57) Styrene	9.58	104	92048	5.458	ug/L	99
58) Isopropylbenzene	9.95	105	142729	5.303	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	23728	4.867	ug/L	91
62) Bromoform	9.75	173	8596	5.035	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	63813	5.125	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	65250	5.069	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	58737	5.068	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.45	75	3695	4.892	ug/L	93
68) 1,3,5-Trichlorobenzene	12.67	180	44083	4.917	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	35999	4.678	ug/L	99
70) Naphthalene	13.53	128	67157	3.644	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	33395	4.863	ug/L	99

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

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Abundance

Time-->

Chloroacetaldehyde, T
Vinyl Chloride-113, S
Trichlorofluoromethane, T
Acetone, I
Methyl Acetate, T
Carbon disulfide, T
Methylene chloride, T
1,1-Dichloroethane, T
2-Butanone, T
Bromochloromethane, T
Chloroform, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichloropropane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
Tetrachloroethene, T
Dibromochloromethane, T
1,2-Dibromoethane, I
Chlorobenzene, d5, I
m,p-xylene, I
Ethylbenzene, T
Glycine, T
Isopropylbenzene, T
1,3,5-Trimethylbenzene, MA
1,2,4-Trimethylbenzene, MA
1,3-Dichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T
Naphthalene, MA
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene, MA