

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017824.D
 Acq On : 06 Aug 2020 19:53
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Aug 07 05:32:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	234462	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	229000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45001	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.58	69	44164	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	2.12	63	131859	47.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.98%
21) 2-Butanone-d5	3.90	46	80903	94.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.38	84	152938	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.06	65	114335	50.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.20%
32) Benzene-d6	5.08	84	249092	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
36) 1,2-Dichloropropane-d6	6.09	67	65883	44.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.06%
41) Toluene-d8	7.34	98	254441	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%
43) trans-1,3-Dichloropropene-	7.64	79	44542	45.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.08%
47) 2-Hexanone-d5	8.11	63	65277	101.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106043	46.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	129401	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	114649	48.709	ug/L 99
3) Chloromethane	1.25	50	59272	37.738	ug/L 98
5) Vinyl chloride	1.32	62	75760	45.548	ug/L 97
6) Bromomethane	1.53	94	44466	44.946	ug/L 95
8) Chloroethane	1.60	64	47426	47.103	ug/L 99
9) Trichlorofluoromethane	1.76	101	184486	56.471	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	78664	52.043	ug/L 96
12) 1,1-Dichloroethene	2.13	96	70773	50.154	ug/L 95
13) Acetone	2.19	43	70300	64.387	ug/L 97
14) Carbon disulfide	2.31	76	187855	43.202	ug/L 100
15) Methyl Acetate	2.45	43	60925	42.905	ug/L 92
16) Methylene chloride	2.52	84	77495	46.573	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	74389	46.752	ug/L 96
18) Methyl tert-butyl Ether	2.78	73	265920	50.845	ug/L 98
19) 1,1-Dichloroethane	3.21	63	129944	46.801	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	84581	49.767	ug/L 98
22) 2-Butanone	3.99	43	86518	85.307	ug/L 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.27	128	48503	50.515	ug/L #	87
25) Chloroform	4.40	83	162828	50.602	ug/L	98
27) 1,2-Dichloroethane	5.15	62	148067	51.858	ug/L	99
29) Cyclohexane	4.70	56	97542	42.047	ug/L	89
30) 1,1,1-Trichloroethane	4.64	97	170826	51.742	ug/L	98
31) Carbon tetrachloride	4.86	117	154494	51.340	ug/L	99
33) Benzene	5.13	78	290568	46.782	ug/L	100
34) Trichloroethene	5.94	95	87683	49.671	ug/L	99
35) Methylcyclohexane	6.16	83	123129	47.548	ug/L	96
37) 1,2-Dichloropropane	6.20	63	62041	43.580	ug/L #	95
38) Bromodichloromethane	6.53	83	117609	46.450	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	117610	44.990	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	177072	91.261	ug/L	96
42) Toluene	7.41	91	340460	49.344	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	126971	47.327	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	79190	48.842	ug/L	96
46) Tetrachloroethene	8.00	164	82389	52.679	ug/L	98
48) 2-Hexanone	8.16	43	142813	90.469	ug/L	98
49) Dibromochloromethane	8.27	129	99538	46.935	ug/L	99
50) 1,2-Dibromoethane	8.37	107	90105	51.037	ug/L	97
51) Chlorobenzene	8.90	112	237681	50.209	ug/L	97
52) Ethylbenzene	9.03	91	401328	50.769	ug/L	100
53) m,p-Xylene	9.16	106	155349	51.264	ug/L	98
54) o-xylene	9.56	106	152670	52.061	ug/L	97
55) Styrene	9.58	104	265294	52.009	ug/L	99
56) Isopropylbenzene	9.95	105	422628	52.655	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	113000	47.883	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	100394	48.459	ug/L	98
61) Bromoform	9.75	173	64423	37.506	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	221508	49.851	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	225296	49.901	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	220289	49.312	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	32259	46.209	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	184719	53.162	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	173982	57.694	ug/L	99
69) Naphthalene	13.52	128	465693	58.539	ug/L	100
70) 1,2,3-Trichlorobenzene	13.76	180	174102	58.212	ug/L	99

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

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