

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019001.D
 Acq On : 20 Oct 2020 09:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Oct 21 06:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	340875	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141065	50.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.54%
7) Chloroethane-d5	1.58	69	109623	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.62%
11) 1,1-Dichloroethene-d2	2.12	63	260237	49.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.26%
21) 2-Butanone-d5	3.90	46	186431	95.32	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.32%
24) Chloroform-d	4.37	84	247545	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.05	65	161841	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
32) Benzene-d6	5.07	84	487905	57.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.30%
36) 1,2-Dichloropropane-d6	6.09	67	154994	56.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.56%
41) Toluene-d8	7.33	98	443148	57.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.72%
43) trans-1,3-Dichloropropene-	7.64	79	74184	55.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.20%
47) 2-Hexanone-d5	8.10	63	106361	104.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.89%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	151513	47.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	160734	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	130056	44.062	ug/L 100
3) Chloromethane	1.25	50	148364	44.569	ug/L 100
5) Vinyl chloride	1.32	62	155722	48.400	ug/L 99
6) Bromomethane	1.53	94	93554	47.659	ug/L 99
8) Chloroethane	1.59	64	92976	48.182	ug/L 98
9) Trichlorofluoromethane	1.76	101	207810	48.935	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	116742	52.793	ug/L 98
12) 1,1-Dichloroethene	2.13	96	109061	48.667	ug/L 92
13) Acetone	2.18	43	178189	124.681	ug/L 99
14) Carbon disulfide	2.31	76	348123	45.597	ug/L 99
15) Methyl Acetate	2.44	43	145125	49.432	ug/L 100
16) Methylene chloride	2.52	84	131097	48.764	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	121033	48.654	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	382964	48.725	ug/L 100
19) 1,1-Dichloroethane	3.21	63	241610	49.924	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	129542	49.133	ug/L 100
22) 2-Butanone	3.98	43	216407	111.367	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	67487	49.563	ug/L	98
25) Chloroform	4.40	83	240134	49.344	ug/L	97
27) 1,2-Dichloroethane	5.15	62	192440	48.407	ug/L	99
29) Cyclohexane	4.70	56	208328	59.940	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	207731	57.243	ug/L	100
31) Carbon tetrachloride	4.85	117	176673	57.201	ug/L	100
33) Benzene	5.12	78	514093	57.344	ug/L	100
34) Trichloroethene	5.93	95	145094	56.123	ug/L	98
35) Methylcyclohexane	6.15	83	188768	60.288	ug/L	100
37) 1,2-Dichloropropane	6.19	63	142108	59.213	ug/L	99
38) Bromodichloromethane	6.53	83	173762	56.472	ug/L	100
39) cis-1,3-Dichloropropene	7.04	75	211507	58.651	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	374927	113.283	ug/L	99
42) Toluene	7.41	91	540168	58.337	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	193172	55.277	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	115097	51.558	ug/L	99
46) Tetrachloroethene	7.99	164	96476	52.950	ug/L	98
48) 2-Hexanone	8.15	43	295413	112.574	ug/L	99
49) Dibromochloromethane	8.27	129	126707	53.612	ug/L	97
50) 1,2-Dibromoethane	8.37	107	118799	51.063	ug/L	99
51) Chlorobenzene	8.90	112	314333	52.070	ug/L	99
52) Ethylbenzene	9.03	91	519921	51.870	ug/L	100
53) m,p-Xylene	9.16	106	202500	54.227	ug/L	100
54) o-xylene	9.56	106	177821	49.773	ug/L	100
55) Styrene	9.58	104	323587	51.493	ug/L	99
56) Isopropylbenzene	9.95	105	494126	52.683	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	141223	46.589	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	136295	46.917	ug/L	99
61) Bromoform	9.75	173	82894	47.345	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	245594	49.428	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	251174	48.082	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	251601	50.189	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	35513	47.537	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	174299	52.221	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	160017	52.029	ug/L	98
69) Naphthalene	13.52	128	466908	53.494	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	166834	54.268	ug/L	99

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

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