

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV010521\
 Data File : VV019900.D
 Acq On : 05 Jan 2021 16:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Jan 06 07:12:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 07:08:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	569051	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	542212	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	277744	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	202253	45.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.86%
7) Chloroethane-d5	1.57	69	170023	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.16%
11) 1,1-Dichloroethene-d2	2.11	63	406267	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.62%
21) 2-Butanone-d5	3.89	46	338323	103.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.35	84	408857	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.04	65	277889	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.05	84	775291	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
36) 1,2-Dichloropropane-d6	6.07	67	252191	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.24%
41) Toluene-d8	7.32	98	676352	48.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.34%
43) trans-1,3-Dichloropropene-	7.62	79	120783	47.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.66%
47) 2-Hexanone-d5	8.09	63	224690	105.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.89%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	341917	51.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.42%
64) 1,2-Dichlorobenzene-d4	11.63	152	259427	48.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.66%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	212690	48.149	ug/L 100
3) Chloromethane	1.24	50	263464	48.700	ug/L 100
5) Vinyl chloride	1.31	62	259557	49.105	ug/L 100
6) Bromomethane	1.52	94	157919	49.318	ug/L 98
8) Chloroethane	1.59	64	165780	50.451	ug/L 100
9) Trichlorofluoromethane	1.76	101	321770	50.251	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	174655	48.430	ug/L 99
12) 1,1-Dichloroethene	2.12	96	179752	49.673	ug/L 95
13) Acetone	2.19	43	244296	96.686	ug/L 98
14) Carbon disulfide	2.30	76	547543	46.446	ug/L 100
15) Methyl Acetate	2.44	43	257182	50.095	ug/L 100
16) Methylene chloride	2.51	84	224879	49.480	ug/L 97
17) trans-1,2-Dichloroethene	2.76	96	200137	49.432	ug/L 98
18) Methyl tert-butyl Ether	2.77	73	692799	50.680	ug/L 100
19) 1,1-Dichloroethane	3.19	63	407088	49.826	ug/L 100
20) cis-1,2-Dichloroethene	3.92	96	221218	49.940	ug/L 100
22) 2-Butanone	3.98	43	361517	101.910	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	111127	50.773	ug/L	99
25) Chloroform	4.38	83	409002	50.746	ug/L	99
27) 1,2-Dichloroethane	5.14	62	344972	51.915	ug/L	100
29) Cyclohexane	4.68	56	333276	48.008	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	344426	49.615	ug/L	100
31) Carbon tetrachloride	4.83	117	280402	49.085	ug/L	100
33) Benzene	5.10	78	863052	50.607	ug/L	100
34) Trichloroethene	5.92	95	224032	49.517	ug/L	98
35) Methylcyclohexane	6.14	83	320271	47.203	ug/L	99
37) 1,2-Dichloropropane	6.18	63	231711	50.595	ug/L	100
38) Bromodichloromethane	6.51	83	296057	49.446	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	358435	50.811	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	707727	103.204	ug/L	99
42) Toluene	7.39	91	883063	50.550	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	345784	50.256	ug/L	99
45) 1,1,2-Trichloroethane	7.84	97	213936	50.925	ug/L	99
46) Tetrachloroethene	7.98	164	143127	47.371	ug/L	95
48) 2-Hexanone	8.14	43	551475	104.016	ug/L	99
49) Dibromochloromethane	8.25	129	215449	49.598	ug/L	98
50) 1,2-Dibromoethane	8.36	107	222454	50.455	ug/L	99
51) Chlorobenzene	8.88	112	557296	50.028	ug/L	98
52) Ethylbenzene	9.02	91	987200	50.219	ug/L	99
53) m,p-Xylene	9.14	106	356671	49.814	ug/L	99
54) o-xylene	9.55	106	350112	50.016	ug/L	98
55) Styrene	9.57	104	626186	51.470	ug/L	100
56) Isopropylbenzene	9.94	105	932969	49.766	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	338878	50.788	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	292334	50.210	ug/L	98
61) Bromoform	9.74	173	136863	47.913	ug/L	100
62) 1,3-Dichlorobenzene	11.19	146	413822	48.943	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	419130	48.197	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	422744	48.980	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.44	75	80889	49.236	ug/L	98
67) 1,3,5-Trichlorobenzene	12.65	180	290886	47.684	ug/L	98
68) 1,2,4-trichlorobenzene	13.27	180	266432	49.053	ug/L	98
69) Naphthalene	13.51	128	915704	53.599	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	267991	50.766	ug/L	100

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

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