

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102320\
 Data File : VV019106.D
 Acq On : 23 Oct 2020 20:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Oct 24 03:34:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 24 03:31:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285021	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279813	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147560	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96371	37.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.44%
7) Chloroethane-d5	1.58	69	84149	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.76%
11) 1,1-Dichloroethene-d2	2.13	63	204101	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.18%
21) 2-Butanone-d5	3.91	46	163341	93.80	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.80%
24) Chloroform-d	4.38	84	205719	45.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.86%
26) 1,2-Dichloroethane-d4	5.06	65	143119	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
32) Benzene-d6	5.08	84	378842	44.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.52%
36) 1,2-Dichloropropane-d6	6.09	67	121719	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.80%
41) Toluene-d8	7.34	98	339777	44.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.78%
43) trans-1,3-Dichloropropene-	7.64	79	63439	44.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.30%
47) 2-Hexanone-d5	8.11	63	117871	97.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.78%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	169002	45.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	142718	46.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.22%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	99844	44.973	ug/L	98
3) Chloromethane	1.25	50	122831	44.488	ug/L	98
5) Vinyl chloride	1.32	62	120358	44.250	ug/L	99
6) Bromomethane	1.53	94	75633	48.597	ug/L	100
8) Chloroethane	1.60	64	76502	44.850	ug/L	99
9) Trichlorofluoromethane	1.77	101	171155	47.840	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	85792	45.090	ug/L	98
12) 1,1-Dichloroethene	2.14	96	89216	46.865	ug/L	82
13) Acetone	2.20	43	107398	90.995	ug/L	100
14) Carbon disulfide	2.31	76	275802	43.942	ug/L	100
15) Methyl Acetate	2.45	43	112467	45.345	ug/L	97
16) Methylene chloride	2.52	84	104677	47.176	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	95442	47.443	ug/L	96
18) Methyl tert-butyl Ether	2.78	73	320383	49.112	ug/L	99
19) 1,1-Dichloroethane	3.21	63	191001	47.026	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	102851	47.813	ug/L	98
22) 2-Butanone	4.00	43	158299	97.838	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	54597	49.859	ug/L	91
25) Chloroform	4.40	83	195108	48.763	ug/L	99
27) 1,2-Dichloroethane	5.15	62	169346	50.998	ug/L	100
29) Cyclohexane	4.70	56	149932	44.766	ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	172783	49.595	ug/L	98
31) Carbon tetrachloride	4.86	117	148857	49.013	ug/L	99
33) Benzene	5.13	78	406877	47.499	ug/L	100
34) Trichloroethene	5.94	95	102185	47.207	ug/L	97
35) Methylcyclohexane	6.15	83	135300	45.684	ug/L	98
37) 1,2-Dichloropropane	6.20	63	108069	45.827	ug/L	99
38) Bromodichloromethane	6.53	83	145522	48.770	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	167252	47.990	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	313893	98.662	ug/L	100
42) Toluene	7.41	91	427406	48.610	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	171085	49.481	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	99450	47.748	ug/L	99
46) Tetrachloroethene	8.00	164	81130	48.841	ug/L	99
48) 2-Hexanone	8.16	43	241679	98.443	ug/L	99
49) Dibromochloromethane	8.27	129	113783	49.980	ug/L	99
50) 1,2-Dibromoethane	8.37	107	105518	48.819	ug/L	99
51) Chlorobenzene	8.90	112	272473	48.318	ug/L	99
52) Ethylbenzene	9.03	91	463143	48.712	ug/L	99
53) m,p-Xylene	9.16	106	173567	49.867	ug/L	98
54) o-xylene	9.56	106	171161	51.074	ug/L	99
55) Styrene	9.58	104	307512	51.730	ug/L	98
56) Isopropylbenzene	9.95	105	441932	50.152	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	162389	47.383	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	132991	48.230	ug/L	100
61) Bromoform	9.75	173	86648	52.142	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	219405	49.548	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	226236	48.893	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	220821	49.459	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	38420	48.707	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	151945	50.251	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	143027	50.162	ug/L	99
69) Naphthalene	13.52	128	455544	51.854	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	149342	51.694	ug/L	97

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

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