

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092520\
 Data File : VV018480.D
 Acq On : 26 Sep 2020 00:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Sep 26 02:58:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 26 02:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	381212	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	364983	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	193409	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135328	43.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.12%
7) Chloroethane-d5	1.58	69	110732	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.12%
11) 1,1-Dichloroethene-d2	2.12	63	246007	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
21) 2-Butanone-d5	3.92	46	173791	91.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.39%
24) Chloroform-d	4.38	84	241269	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	5.06	65	151008	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.40%
32) Benzene-d6	5.08	84	487899	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.09	67	153493	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.46%
41) Toluene-d8	7.34	98	446897	46.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.86%
43) trans-1,3-Dichloropropene-	7.64	79	75614	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.11	63	120885	96.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198284	47.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	184506	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	111046	39.948	ug/L 99
3) Chloromethane	1.25	50	131763	43.410	ug/L 100
5) Vinyl chloride	1.32	62	139925	44.954	ug/L 99
6) Bromomethane	1.53	94	87167	45.818	ug/L 99
8) Chloroethane	1.60	64	89188	45.741	ug/L 100
9) Trichlorofluoromethane	1.77	101	186059	43.446	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	112617	43.779	ug/L 100
12) 1,1-Dichloroethene	2.13	96	115675	46.214	ug/L 93
13) Acetone	2.20	43	112116	73.631	ug/L 100
14) Carbon disulfide	2.31	76	303299	39.600	ug/L 100
15) Methyl Acetate	2.45	43	129704	47.399	ug/L 99
16) Methylene chloride	2.52	84	132205	47.096	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	121214	46.990	ug/L 95
18) Methyl tert-butyl Ether	2.78	73	398486	49.939	ug/L 98
19) 1,1-Dichloroethane	3.21	63	232117	47.592	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	135843	49.263	ug/L 97
22) 2-Butanone	4.00	43	171874	95.323	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	69771	48.360	uq/L	98
25) Chloroform	4.40	83	234669	47.335	uq/L	99
27) 1,2-Dichloroethane	5.16	62	176657	46.029	uq/L	98
29) Cyclohexane	4.70	56	194207	46.080	uq/L	99
30) 1,1,1-Trichloroethane	4.64	97	202453	47.796	uq/L	100
31) Carbon tetrachloride	4.86	117	173308	46.531	uq/L	99
33) Benzene	5.13	78	516029	49.450	uq/L	100
34) Trichloroethene	5.94	95	139492	49.070	uq/L	100
35) Methylcyclohexane	6.16	83	180370	42.141	uq/L	98
37) 1,2-Dichloropropane	6.20	63	136227	49.264	uq/L	100
38) Bromodichloromethane	6.53	83	172818	48.025	uq/L	100
39) cis-1,3-Dichloropropene	7.05	75	203552	47.776	uq/L	100
40) 4-Methyl-2-pentanone	7.25	43	346597	103.318	uq/L	98
42) Toluene	7.41	91	552905	50.067	uq/L	100
44) trans-1,3-Dichloropropene	7.67	75	201587	48.595	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	129179	50.401	uq/L	99
46) Tetrachloroethene	8.00	164	102659	46.058	uq/L	99
48) 2-Hexanone	8.16	43	263670	99.695	uq/L	97
49) Dibromochloromethane	8.27	129	139614	48.529	uq/L	99
50) 1,2-Dibromoethane	8.37	107	136829	50.725	uq/L	99
51) Chlorobenzene	8.90	112	359208	50.085	uq/L	99
52) Ethylbenzene	9.03	91	607192	50.362	uq/L	100
53) m,p-Xylene	9.16	106	228442	50.763	uq/L	96
54) o-xylene	9.56	106	224475	51.777	uq/L	99
55) Styrene	9.58	104	393750	52.253	uq/L	99
56) Isopropylbenzene	9.95	105	590321	50.522	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	193331	50.993	uq/L	100
59) 1,2,3-Trichloropropane	10.29	75	164127	50.463	uq/L	100
61) Bromoform	9.75	173	105389	50.722	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	289135	50.274	uq/L	99
63) 1,4-Dichlorobenzene	11.29	146	294711	49.855	uq/L	99
65) 1,2-Dichlorobenzene	11.67	146	291278	50.107	uq/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	41406	50.476	uq/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	195758	43.176	uq/L	100
68) 1,2,4-trichlorobenzene	13.28	180	189404	46.912	uq/L	99
69) Naphthalene	13.52	128	590275	57.779	uq/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	190888	48.002	uq/L	100

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

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