

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018553.D
 Acq On : 30 Sep 2020 06:05
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05093

Quant Time: Sep 30 06:26:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	358528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	345211	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189176	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97176	46.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.42%
7) Chloroethane-d5	1.58	69	92248	53.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.12%
11) 1,1-Dichloroethene-d2	2.13	63	222463	51.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.86%
21) 2-Butanone-d5	3.92	46	162745	103.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	4.38	84	222035	48.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.66%
26) 1,2-Dichloroethane-d4	5.06	65	144136	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.88%
32) Benzene-d6	5.07	84	438724	50.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.34%
36) 1,2-Dichloropropane-d6	6.09	67	134204	50.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.60%
41) Toluene-d8	7.34	98	416686	50.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.30%
43) trans-1,3-Dichloropropene-	7.64	79	68127	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
47) 2-Hexanone-d5	8.11	63	107488	107.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179208	51.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	179905	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	113541	46.575	ug/L	98
3) Chloromethane	1.25	50	122828	47.088	ug/L	99
5) Vinyl chloride	1.32	62	130566	47.608	ug/L	100
6) Bromomethane	1.53	94	98802	52.933	ug/L	98
8) Chloroethane	1.60	64	93989	55.614	ug/L	99
9) Trichlorofluoromethane	1.77	101	209580	50.281	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	117612	50.414	ug/L	98
12) 1,1-Dichloroethene	2.13	96	115865	51.769	ug/L	98
13) Acetone	2.20	43	124177	91.639	ug/L	98
14) Carbon disulfide	2.31	76	337109	46.497	ug/L	99
15) Methyl Acetate	2.45	43	129530	49.617	ug/L	100
16) Methylene chloride	2.52	84	132495	49.324	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	125490	49.001	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	383432	49.140	ug/L	99
19) 1,1-Dichloroethane	3.21	63	221989	49.506	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	133498	49.049	ug/L	97
22) 2-Butanone	4.00	43	171295	100.067	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	72267	48.286	ug/L	99
25) Chloroform	4.40	83	232875	49.184	ug/L	99
27) 1,2-Dichloroethane	5.15	62	186050	50.414	ug/L	99
29) Cyclohexane	4.70	56	193436	49.130	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	211521	49.355	ug/L	99
31) Carbon tetrachloride	4.86	117	186546	48.500	ug/L	99
33) Benzene	5.13	78	503907	49.686	ug/L	100
34) Trichloroethene	5.94	95	145366	49.371	ug/L	100
35) Methylcyclohexane	6.15	83	180227	45.376	ug/L	99
37) 1,2-Dichloropropane	6.20	63	126641	48.671	ug/L	100
38) Bromodichloromethane	6.53	83	173231	49.712	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	200213	49.043	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	353811	105.378	ug/L	99
42) Toluene	7.41	91	551287	50.248	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	194400	48.476	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	129027	50.092	ug/L	98
46) Tetrachloroethene	8.00	164	114242	47.826	ug/L	98
48) 2-Hexanone	8.16	43	270795	103.369	ug/L	99
49) Dibromochloromethane	8.27	129	147002	49.896	ug/L	99
50) 1,2-Dibromoethane	8.37	107	139195	50.825	ug/L	99
51) Chlorobenzene	8.90	112	367393	49.499	ug/L	100
52) Ethylbenzene	9.03	91	605219	49.396	ug/L	99
53) m,p-Xylene	9.16	106	232958	49.198	ug/L	98
54) o-xylene	9.56	106	229252	51.138	ug/L	98
55) Styrene	9.58	104	398360	51.033	ug/L	99
56) Isopropylbenzene	9.95	105	598364	49.768	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	181479	49.984	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	159237	50.312	ug/L	100
61) Bromoform	9.75	173	108968	50.146	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	299422	48.907	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	310208	49.205	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	300182	49.562	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	41993	50.788	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	197137	46.485	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	189487	48.016	ug/L	100
69) Naphthalene	13.52	128	589661	52.199	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	193978	48.965	ug/L	99

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

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