

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015757.D
 Acq On : 29 Jun 2020 12:11
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Jun 30 02:55:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 12:09:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	333106	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156123	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	119711	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	97710	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
10) 1,1-Dichloroethene-d2	4.02	63	219981	22.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.60%
20) 2-Butanone-d5	7.08	46	57339	50.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.50%
24) Chloroform-d	7.65	84	215856	23.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	8.31	65	123361	23.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.44%
29) Benzene-d6	8.27	84	422974	23.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.04%
33) 1,2-Dichloropropane-d6	9.27	67	124380	23.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.40%
37) Toluene-d8	10.32	98	400578	23.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.68%
38) trans-1,3-Dichloropropene-	10.58	79	58065	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.40%
39) 2-Hexanone-d5	10.93	63	45856	52.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103991	25.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	142128	23.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.92%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	89297	28.431	ug/L	98
3) Chloromethane	2.21	50	83378	24.669	ug/L	97
5) Vinyl chloride	2.37	62	129130	25.508	ug/L	99
6) Bromomethane	2.78	94	83563	24.914	ug/L	98
8) Chloroethane	2.93	64	80775	25.575	ug/L	99
9) Trichlorofluoromethane	3.26	101	89755	24.246	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	101161	25.206	ug/L	98
12) 1,1-Dichloroethene	4.04	96	99890	25.783	ug/L	90
13) Acetone	4.12	43	46430	48.551	ug/L	97
14) Carbon disulfide	4.38	76	311024	25.852	ug/L	99
15) Methyl Acetate	4.68	43	47119	27.503	ug/L	100
16) Methylene chloride	4.92	84	107834	22.063	ug/L	100
17) Methyl tert-butyl Ether	5.43	73	162400	27.357	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	109501	26.328	ug/L	99
19) 1,1-Dichloroethane	6.22	63	193147	25.757	ug/L	100
21) 2-Butanone	7.18	43	61236	51.797	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	114667	26.671	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	50701	26.774	uq/L	95
25) Chloroform	7.68	83	198338	26.186	uq/L	99
27) 1,2-Dichloroethane	8.40	62	141812	27.078	uq/L	100
30) Cyclohexane	7.96	56	181346	26.361	uq/L	100
31) 1,1,1-Trichloroethane	7.87	97	170984	25.899	uq/L	99
32) Carbon tetrachloride	8.07	117	154326	25.864	uq/L	100
34) Benzene	8.32	78	443449	26.471	uq/L	100
35) Trichloroethene	9.09	95	116161	26.003	uq/L	99
36) Methylcyclohexane	9.34	83	200580	26.033	uq/L	100
40) 1,2-Dichloropropane	9.37	63	109034	26.742	uq/L	99
41) Bromodichloromethane	9.65	83	142022	26.809	uq/L	97
42) cis-1,3-Dichloropropene	10.07	75	172657	27.127	uq/L	100
43) 4-Methyl-2-pentanone	10.21	43	135667	57.031	uq/L	99
44) Toluene	10.39	91	490809	26.968	uq/L	99
45) trans-1,3-Dichloropropene	10.61	75	154669	27.920	uq/L	99
46) 1,1,2-Trichloroethane	10.79	97	80841	27.465	uq/L	98
47) Tetrachloroethene	10.86	164	92062	25.646	uq/L	95
49) 2-Hexanone	10.97	43	95131	56.771	uq/L	99
50) Dibromochloromethane	11.13	129	95594	27.745	uq/L	97
51) 1,2-Dibromoethane	11.24	107	79605	27.901	uq/L	99
52) Chlorobenzene	11.66	112	302327	26.429	uq/L	99
53) Ethylbenzene	11.73	91	547710	26.617	uq/L	98
54) m,p-Xylene	11.84	106	212428	27.619	uq/L	100
55) o-xylene	12.17	106	204034	27.757	uq/L	98
56) Styrene	12.18	104	348355	27.918	uq/L	100
57) Isopropylbenzene	12.46	105	547033	26.942	uq/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	98615	28.155	uq/L	98
59) 1,2,3-Trichloropropane	12.77	75	74817	28.284	uq/L	99
62) Bromoform	12.35	173	54343	27.134	uq/L	98
63) 1,3-Dichlorobenzene	13.50	146	239870	25.901	uq/L	98
64) 1,4-Dichlorobenzene	13.58	146	241047	26.128	uq/L	98
65) 1,2-Dichlorobenzene	13.87	146	219476	26.803	uq/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	16171	27.573	uq/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	168339	26.506	uq/L	99
68) 1,2,4-trichlorobenzene	15.13	180	139722	27.264	uq/L	99
69) Naphthalene	15.37	128	273559	29.176	uq/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	121961	27.527	uq/L	98

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

