

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015134.D
 Acq On : 25 Mar 2020 13:16
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV05

Quant Time: Mar 26 05:04:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 14:13:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	638887	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	575139	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	251552	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	274555	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
7) Chloroethane-d5	2.89	69	229995	25.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.12%
10) 1,1-Dichloroethene-d2	4.02	63	568790	25.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.60%
20) 2-Butanone-d5	7.08	46	150672	59.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.98%
24) Chloroform-d	7.65	84	475971	24.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.72%
26) 1,2-Dichloroethane-d4	8.31	65	281293	25.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.76%
29) Benzene-d6	8.27	84	951097	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	9.27	67	312315	25.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.16%
37) Toluene-d8	10.32	98	831420	26.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.00%
38) trans-1,3-Dichloropropene-	10.58	79	126617	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.24%
39) 2-Hexanone-d5	10.92	63	107822	59.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	227311	27.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	224022	25.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	112238	22.580	ug/L	98
3) Chloromethane	2.21	50	210618	22.915	ug/L	99
5) Vinyl chloride	2.37	62	304193	23.753	ug/L	99
6) Bromomethane	2.78	94	166778	23.593	ug/L	100
8) Chloroethane	2.93	64	183798	23.575	ug/L	98
9) Trichlorofluoromethane	3.26	101	180814	25.226	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	243995	24.469	ug/L	99
12) 1,1-Dichloroethene	4.04	96	232759	24.597	ug/L	97
13) Acetone	4.13	43	145957	65.117	ug/L	99
14) Carbon disulfide	4.39	76	855351	24.300	ug/L	100
15) Methyl Acetate	4.67	43	139665	26.378	ug/L	98
16) Methylene chloride	4.92	84	254711	23.325	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	333239	27.120	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	240221	24.423	ug/L	95
19) 1,1-Dichloroethane	6.21	63	510428	24.217	ug/L	96
21) 2-Butanone	7.17	43	191899	60.446	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	246618	25.248	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	98176	24.482	ug/L	95
25) Chloroform	7.67	83	461444	24.235	ug/L	99
27) 1,2-Dichloroethane	8.40	62	343737	25.137	ug/L	100
30) Cyclohexane	7.95	56	508080	27.075	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	373847	24.743	ug/L	99
32) Carbon tetrachloride	8.07	117	324519	24.756	ug/L	100
34) Benzene	8.32	78	1079335	25.367	ug/L	100
35) Trichloroethene	9.09	95	254687	24.589	ug/L	99
36) Methylcyclohexane	9.34	83	478257	26.877	ug/L	100
40) 1,2-Dichloropropane	9.37	63	291988	24.884	ug/L	100
41) Bromodichloromethane	9.64	83	330021	24.720	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	405910	26.328	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	391789	59.016	ug/L	99
44) Toluene	10.38	91	1090322	25.915	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	358931	26.625	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	174873	25.353	ug/L	99
47) Tetrachloroethene	10.86	164	161533	24.166	ug/L	97
49) 2-Hexanone	10.97	43	284943	64.358	ug/L	98
50) Dibromochloromethane	11.13	129	180162	25.407	ug/L	97
51) 1,2-Dibromoethane	11.23	107	161074	26.369	ug/L	100
52) Chlorobenzene	11.66	112	610664	24.832	ug/L	99
53) Ethylbenzene	11.73	91	1188716	26.158	ug/L	99
54) m,p-Xylene	11.83	106	418028	26.239	ug/L	98
55) o-xylene	12.16	106	394702	26.427	ug/L	98
56) Styrene	12.18	104	683235	26.878	ug/L	95
57) Isopropylbenzene	12.46	105	1114814	27.091	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	229030	26.530	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	172797	26.760	ug/L	100
62) Bromoform	12.35	173	93085	25.454	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	415937	25.229	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	416243	24.677	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	380469	25.359	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	37533	26.262	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	276343	26.037	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	222523	27.817	ug/L	100
69) Naphthalene	15.36	128	467795	30.075	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	203346	27.354	ug/L	99

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

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