

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102320\
 Data File : VW016975.D
 Acq On : 23 Oct 2020 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02522

Quant Time: Oct 24 00:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 23 12:11:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	597645	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	534883	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	272535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136502	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
7) Chloroethane-d5	2.89	69	107584	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	4.03	63	290480	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.60%
20) 2-Butanone-d5	7.09	46	58860	45.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.60%
24) Chloroform-d	7.65	84	290616	21.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	8.31	65	139026	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.72%
29) Benzene-d6	8.28	84	577103	21.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.00%
33) 1,2-Dichloropropane-d6	9.27	67	159596	21.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.08%
37) Toluene-d8	10.33	98	548848	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.88%
38) trans-1,3-Dichloropropene-	10.58	79	69226	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.96%
39) 2-Hexanone-d5	10.93	63	50172	48.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128586	22.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	191706	20.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	166924	24.487	ug/L 97
3) Chloromethane	2.21	50	137245	23.326	ug/L 100
5) Vinyl chloride	2.37	62	213911	24.822	ug/L 99
6) Bromomethane	2.79	94	143378	24.497	ug/L 100
8) Chloroethane	2.93	64	125768	25.359	ug/L 98
9) Trichlorofluoromethane	3.26	101	169334	24.773	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	205618	24.959	ug/L 100
12) 1,1-Dichloroethene	4.04	96	195355	24.970	ug/L 94
13) Acetone	4.15	43	44604	51.017	ug/L 100
14) Carbon disulfide	4.39	76	577438	24.346	ug/L 100
15) Methyl Acetate	4.67	43	59905	26.244	ug/L 100
16) Methylene chloride	4.92	84	184919	23.402	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	220833	25.895	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	201056	24.572	ug/L 95
19) 1,1-Dichloroethane	6.22	63	313402	25.011	ug/L 98
21) 2-Butanone	7.18	43	74925	51.207	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	207149	25.042	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	97943	25.649	ug/L	98
25) Chloroform	7.68	83	338023	25.340	ug/L	99
27) 1,2-Dichloroethane	8.40	62	197087	25.945	ug/L	99
30) Cyclohexane	7.96	56	286522	25.608	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	291761	25.195	ug/L	99
32) Carbon tetrachloride	8.07	117	286429	25.769	ug/L	97
34) Benzene	8.33	78	750860	25.411	ug/L	100
35) Trichloroethene	9.10	95	205499	25.111	ug/L	99
36) Methylcyclohexane	9.34	83	358524	26.086	ug/L	99
40) 1,2-Dichloropropane	9.37	63	170538	25.843	ug/L	100
41) Bromodichloromethane	9.65	83	233560	26.077	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	269355	26.103	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	169100	54.059	ug/L	99
44) Toluene	10.39	91	821688	25.666	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	226465	26.493	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	138222	26.169	ug/L	98
47) Tetrachloroethene	10.87	164	186011	24.710	ug/L	97
49) 2-Hexanone	10.97	43	110660	55.509	ug/L	99
50) Dibromochloromethane	11.13	129	173082	26.898	ug/L	94
51) 1,2-Dibromoethane	11.24	107	133498	26.510	ug/L	100
52) Chlorobenzene	11.66	112	537139	25.098	ug/L	99
53) Ethylbenzene	11.73	91	921280	25.624	ug/L	99
54) m,p-Xylene	11.84	106	365123	25.813	ug/L	97
55) o-xylene	12.17	106	341542	26.066	ug/L	87
56) Styrene	12.18	104	580883	26.500	ug/L	100
57) Isopropylbenzene	12.46	105	941586	25.980	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	151917	26.796	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	108722	26.797	ug/L	100
62) Bromoform	12.35	173	99835	26.069	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	430776	24.497	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	437934	24.983	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	381234	24.576	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	21986	26.054	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	331389	25.747	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	249072	24.966	ug/L	99
69) Naphthalene	15.37	128	444263	27.454	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	227348	26.151	ug/L	98

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

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