

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022420\
 Data File : VW015024.D
 Acq On : 24 Feb 2020 10:35
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00502

Quant Time: Feb 24 11:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 24 11:37:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	693769	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	658237	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	282536	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91791	7.99	ug/L	0.00
7) Chloroethane-d5	2.89	69	65417	7.11	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	135860	6.47	ug/L	0.00
20) 2-Butanone-d5	7.07	46	29845	9.26	ug/L	0.00
24) Chloroform-d	7.65	84	118254	6.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	68854	6.32	ug/L	0.00
29) Benzene-d6	8.27	84	228405	5.40	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	75752	5.49	ug/L	0.00
37) Toluene-d8	10.32	98	179427	4.82	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	27358	5.02	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	18223	7.25	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51324	4.94	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	51657	4.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	26500	3.715 ug/L	98
3) Chloromethane	2.21	50	68594	6.347 ug/L	100
5) Vinyl chloride	2.36	62	93147	6.601 ug/L	99
6) Bromomethane	2.78	94	42161	5.975 ug/L	99
8) Chloroethane	2.93	64	47603	6.165 ug/L	99
9) Trichlorofluoromethane	3.26	101	36518	6.402 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	55132	5.475 ug/L	99
12) 1,1-Dichloroethene	4.04	96	50387	5.120 ug/L #	73
13) Acetone	4.12	43	33533	10.079 ug/L	96
14) Carbon disulfide	4.39	76	201616	6.823 ug/L	98
15) Methyl Acetate	4.67	43	30457	5.563 ug/L	97
16) Methylene chloride	4.92	84	68499	5.420 ug/L	97
17) Methyl tert-butyl Ether	5.43	73	60063	4.672 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	53086	5.324 ug/L	98
19) 1,1-Dichloroethane	6.21	63	121599	6.019 ug/L	99
21) 2-Butanone	7.17	43	35280	9.057 ug/L	85
22) cis-1,2-Dichloroethene	7.17	96	52227	4.842 ug/L	94
23) Bromochloromethane	7.51	128	21897	4.948 ug/L	95
25) Chloroform	7.68	83	113868	6.136 ug/L	100
27) 1,2-Dichloroethane	8.40	62	78586	6.143 ug/L	99
30) Cyclohexane	7.96	56	88764	4.526 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	84855	5.654 ug/L	99
32) Carbon tetrachloride	8.07	117	77427	5.739 ug/L	100
34) Benzene	8.32	78	242299	5.353 ug/L	100
35) Trichloroethene	9.09	95	59038	5.262 ug/L	98
36) Methylcyclohexane	9.34	83	87288	4.466 ug/L	96
40) 1,2-Dichloropropane	9.37	63	68568	5.661 ug/L	98
41) Bromodichloromethane	9.64	83	76532	5.513 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	78248	4.549 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	70287	8.849 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	223568	4.865	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	66573	4.806	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	39294	4.928	ug/L	98
47) Tetrachloroethene	10.86	164	37313	4.526	ug/L	95
49) 2-Hexanone	10.96	43	47996	8.603	ug/L	94
50) Dibromochloromethane	11.13	129	39850	4.650	ug/L	97
51) 1,2-Dibromoethane	11.23	107	34017	4.585	ug/L	89
52) Chlorobenzene	11.65	112	138700	4.937	ug/L	98
53) Ethylbenzene	11.73	91	235629	4.687	ug/L	100
54) m,p-Xylene	11.84	106	82474	4.492	ug/L	97
55) o-xylene	12.16	106	72573	4.153	ug/L	97
56) Styrene	12.18	104	127496	4.317	ug/L	97
57) Isopropylbenzene	12.46	105	199067	4.241	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	50781	5.102	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	39687	5.300	ug/L	94
62) Bromoform	12.35	173	20501	4.760	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	89015	4.664	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	92407	4.807	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	82978	4.753	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	8035	5.398	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	57162	4.182	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	38940	3.606	ug/L	96
69) Naphthalene	15.36	128	31304	1.474	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	34356	3.445	ug/L	98

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

