

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042820\
 Data File : VW015362.D
 Acq On : 28 Apr 2020 14:46
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Quant Time: Apr 28 15:18:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042820S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 28 14:27:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	405646	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373735	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	198608	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	291106	65.22	ug/L	0.00
7) Chloroethane-d5	2.89	69	303643	74.73	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	684964	81.27	ug/L	0.00
20) 2-Butanone-d5	7.07	46	179122	185.61	ug/L	0.00
24) Chloroform-d	7.65	84	824867	112.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	428296	90.16	ug/L	0.00
29) Benzene-d6	8.27	84	1562836	93.70	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	437768	94.28	ug/L	0.00
37) Toluene-d8	10.32	98	1605791	90.96	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	232457	95.34	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	169583	194.62	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	379607	96.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	620682	89.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	380248	66.658	ug/L 98
3) Chloromethane	2.21	50	318810	65.889	ug/L 99
5) Vinyl chloride	2.37	62	402589	71.058	ug/L 97
6) Bromomethane	2.78	94	330842	83.084	ug/L 100
8) Chloroethane	2.92	64	276531	76.526	ug/L 98
9) Trichlorofluoromethane	3.26	101	427786	49.684	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	451907	85.101	ug/L 98
12) 1,1-Dichloroethene	4.03	96	437486	91.545	ug/L 98
13) Acetone	4.12	43	120460	139.726	ug/L 95
14) Carbon disulfide	4.37	76	1215796	81.971	ug/L 99
15) Methyl Acetate	4.67	43	147659	89.018	ug/L 99
16) Methylene chloride	4.91	84	430408	81.824	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	616590	53.920	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	484802	90.748	ug/L 98
19) 1,1-Dichloroethane	6.21	63	759832	92.798	ug/L 98
21) 2-Butanone	7.17	43	196939	164.670	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	522197	93.265	ug/L 98
23) Bromochloromethane	7.51	128	252919	97.384	ug/L 96
25) Chloroform	7.67	83	855453	79.296	ug/L 100
27) 1,2-Dichloroethane	8.40	62	546171	93.662	ug/L 99
30) Cyclohexane	7.95	56	674411	90.584	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	757587	87.022	ug/L 99
32) Carbon tetrachloride	8.07	117	740287	95.191	ug/L 100
34) Benzene	8.32	78	1818362	97.199	ug/L 100
35) Trichloroethene	9.09	95	537221	98.976	ug/L 98
36) Methylcyclohexane	9.34	83	882982	95.894	ug/L 99
40) 1,2-Dichloropropane	9.37	63	413677	97.192	ug/L 100
41) Bromodichloromethane	9.64	83	652649	98.971	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	761693	100.056	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	463916	197.861	ug/L 99

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44) Toluene	10.38	91	2134888	95.452	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	676003	100.675	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	359954	98.839	ug/L	98
47) Tetrachloroethene	10.86	164	499604	97.960	ug/L	98
49) 2-Hexanone	10.96	43	316604	183.949	ug/L	99
50) Dibromochloromethane	11.13	129	496959	102.378	ug/L	100
51) 1,2-Dibromoethane	11.23	107	366919	100.892	ug/L	99
52) Chlorobenzene	11.66	112	1447194	96.185	ug/L	96
53) Ethylbenzene	11.73	91	2471317	94.084	ug/L	99
54) m,p-Xylene	11.84	106	992855	94.275	ug/L	96
55) o-xylene	12.16	106	948727	95.057	ug/L	100
56) Styrene	12.18	104	1643705	96.796	ug/L	96
57) Isopropylbenzene	12.46	105	2595278	94.202	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	397660	99.420	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	291942	96.196	ug/L	99
62) Bromoform	12.35	173	335305	108.974	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	1203551	93.564	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1177270	92.716	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	1065279	92.561	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	71745	93.755	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	902570	94.048	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	766182	100.194	ug/L	99
69) Naphthalene	15.36	128	1306961	101.261	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	672405	102.145	ug/L	99

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

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