

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\
 Data File : VW015130.D
 Acq On : 25 Mar 2020 10:03
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00504

Manual Integrations
 APPROVED

apatel
 4/15/2020 8:20:51 AM

Quant Time: Mar 25 14:05:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:57:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	606978	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	541297	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	226398	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	57154	4.03	ug/L	0.00
7) Chloroethane-d5	2.89	69	46164	4.42	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	111388	4.88	ug/L	0.00
20) 2-Butanone-d5	7.08	46	21649	8.78	ug/L	0.00
24) Chloroform-d	7.65	84	98286	5.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	56014	5.18	ug/L	0.00
29) Benzene-d6	8.27	84	187627	5.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	61692	5.15	ug/L	0.00
37) Toluene-d8	10.32	98	152123	5.10	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	21572	4.85	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	14396	8.95	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	39320	5.02	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	41493	5.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	23306	4.570 ug/L	97
3) Chloromethane	2.21	50	47813	4.239 ug/L	95
5) Vinyl chloride	2.36	62	64413	4.383 ug/L	97
6) Bromomethane	2.78	94	35952	5.255 ug/L	95
8) Chloroethane	2.93	64	38511	4.710 ug/L	94
9) Trichlorofluoromethane	3.26	101	34320	5.007 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	51856	5.482 ug/L	97
12) 1,1-Dichloroethene	4.04	96	45387	5.056 ug/L	94
13) Acetone	4.13	43	21546	7.817 ug/L	98
14) Carbon disulfide	4.39	76	172743	5.098 ug/L	98
15) Methyl Acetate	4.68	43	23307m	4.647 ug/L	
16) Methylene chloride	4.92	84	55650	5.003 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	53845	4.865 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	46210	4.964 ug/L	93
19) 1,1-Dichloroethane	6.22	63	101640	4.919 ug/L	98
21) 2-Butanone	7.18	43	24601	7.277 ug/L	96
22) cis-1,2-Dichloroethene	7.17	96	45500	4.831 ug/L	89
23) Bromochloromethane	7.52	128	18595	5.019 ug/L	93
25) Chloroform	7.68	83	93639	4.983 ug/L	98
27) 1,2-Dichloroethane	8.40	62	64857	5.000 ug/L	# 95
30) Cyclohexane	7.96	56	81616	4.578 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	76030	5.461 ug/L	98
32) Carbon tetrachloride	8.07	117	64369	5.186 ug/L	100
34) Benzene	8.32	78	206085	5.176 ug/L	100
35) Trichloroethene	9.09	95	49969	5.148 ug/L	98
36) Methylcyclohexane	9.34	83	80506	4.867 ug/L	97
40) 1,2-Dichloropropane	9.37	63	56505	5.112 ug/L	98
41) Bromodichloromethane	9.64	83	63076	5.057 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	67102	4.662 ug/L	95
43) 4-Methyl-2-pentanone	10.21	43	50992	8.213 ug/L	99

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44) Toluene	10.38	91	193682	4.997	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	58077	4.901	ug/L	94
46) 1,1,2-Trichloroethane	10.79	97	31260	4.962	ug/L	97
47) Tetrachloroethene	10.87	164	31731	5.087	ug/L	93
49) 2-Hexanone	10.97	43	32410	7.310	ug/L	98
50) Dibromochloromethane	11.13	129	31752	4.768	ug/L	97
51) 1,2-Dibromoethane	11.23	107	26920	4.897	ug/L	97
52) Chlorobenzene	11.66	112	116157	5.082	ug/L	97
53) Ethylbenzene	11.73	91	201992	4.759	ug/L	99
54) m,p-Xylene	11.83	106	70356	4.745	ug/L	99
55) o-xylene	12.16	106	64274	4.637	ug/L	98
56) Styrene	12.18	104	106165	4.483	ug/L	94
57) Isopropylbenzene	12.46	105	180457	4.777	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	38419	4.827	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	28400	4.654	ug/L	97
62) Bromoform	12.35	173	15506	4.863	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	74726	5.106	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	78384	5.185	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	66189	4.975	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	6266	5.285	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	47447	4.893	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	31810	4.442	ug/L	96
69) Naphthalene	15.36	128	47862	5.916	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	29607	4.592	ug/L	99

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

