

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010175.D
 Acq On : 29 Apr 2019 10:22
 Operator : SY/VA
 Sample : VSTD2.526
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.526

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 1:06:55 PM

Quant Time: Apr 29 13:26:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 13:05:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	745661	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	687904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	337523	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23256	2.78	ug/L	0.00
7) Chloroethane-d5	2.89	69	17946	2.58	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	50450	2.68	ug/L	0.00
20) 2-Butanone-d5	7.08	46	12724	3.91	ug/L	0.00
24) Chloroform-d	7.64	84	49804	2.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	28497	2.56	ug/L	0.00
29) Benzene-d6	8.27	84	98529	2.67	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	30802	2.67	ug/L	0.00
37) Toluene-d8	10.32	98	86703	2.58	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	13020	2.43	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	8603	3.48	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	24371	2.43	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	34161	2.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	22732m	2.097	ug/L
3) Chloromethane	2.21	50	20689	2.277	ug/L
5) Vinyl chloride	2.37	62	27172	2.448	ug/L
6) Bromomethane	2.77	94	15262	2.377	ug/L
8) Chloroethane	2.93	64	16280	2.467	ug/L
9) Trichlorofluoromethane	3.25	101	13953	2.331	ug/L
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	22760	2.467	ug/L #
12) 1,1-Dichloroethene	4.03	96	21956	2.334	ug/L
13) Acetone	4.12	43	14157	5.611	ug/L
14) Carbon disulfide	4.37	76	63859	2.398	ug/L
15) Methyl Acetate	4.67	43	12187	2.122	ug/L #
16) Methylene chloride	4.92	84	45855	3.487	ug/L
17) Methyl tert-butyl Ether	5.42	73	27184	2.200	ug/L
18) trans-1,2-Dichloroethene	5.41	96	22732	2.284	ug/L
19) 1,1-Dichloroethane	6.21	63	43243	2.354	ug/L
21) 2-Butanone	7.18	43	13932m	3.820	ug/L
22) cis-1,2-Dichloroethene	7.16	96	23257	2.172	ug/L
23) Bromochloromethane	7.51	128	11227	2.284	ug/L
25) Chloroform	7.67	83	43860	2.317	ug/L
27) 1,2-Dichloroethane	8.40	62	29898	2.218	ug/L
30) Cyclohexane	7.95	56	33496	2.083	ug/L
31) 1,1,1-Trichloroethane	7.87	97	35073	2.374	ug/L
32) Carbon tetrachloride	8.06	117	35264	2.413	ug/L
34) Benzene	8.32	78	94337	2.366	ug/L
35) Trichloroethene	9.09	95	25332	2.393	ug/L
36) Methylcyclohexane	9.33	83	39586	2.251	ug/L
40) 1,2-Dichloropropane	9.37	63	24660	2.389	ug/L
41) Bromodichloromethane	9.64	83	30962	2.271	ug/L #
42) cis-1,3-Dichloropropene	10.07	75	34070	2.115	ug/L
43) 4-Methyl-2-pentanone	10.21	43	25947	3.461	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	96765	2.271	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	28912	2.060	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	17176	2.199	ug/L	95
47) Tetrachloroethene	10.86	164	22034	2.525	ug/L	97
49) 2-Hexanone	10.97	43	19646	3.687	ug/L	96
50) Dibromochloromethane	11.13	129	21077	2.182	ug/L	89
51) 1,2-Dibromoethane	11.23	107	15905	2.066	ug/L	97
52) Chlorobenzene	11.66	112	66766	2.399	ug/L	98
53) Ethylbenzene	11.73	91	109181	2.273	ug/L	100
54) m,p-Xylene	11.84	106	40194	2.228	ug/L	96
55) o-xylene	12.17	106	37186	2.173	ug/L	85
56) Styrene	12.18	104	63162	2.142	ug/L	99
57) Isopropylbenzene	12.46	105	101439	2.176	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	21195	2.160	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	15370	2.085	ug/L	94
62) Bromoform	12.35	173	11926	2.112	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	48046	2.279	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	54359	2.461	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	46346	2.339	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	3599	2.115	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	38164	2.356	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	29486	2.257	ug/L	100
69) Naphthalene	15.38	128	53688	1.993	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	26919	2.160	ug/L	99

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

