

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091918\
 Data File : VW005517.D
 Acq On : 19 Sep 2018 16:16
 Operator : SY/AP
 Sample : VSTD02593
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02593

Manual Integrations
 APPROVED

apatel
 9/21/2018 10:56:13 AM

Quant Time: Sep 19 17:17:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 19 15:19:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	467385	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	442673	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	227395	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	161012	29.85	ug/L	0.01
7) Chloroethane-d5	2.89	69	129785	34.03	ug/L	0.01
10) 1,1-Dichloroethene-d2	4.01	63	344113	35.73	ug/L	-0.01
20) 2-Butanone-d5	7.09	46	113038	55.64	ug/L	0.00
24) Chloroform-d	7.65	84	344531	39.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	203876	36.57	ug/L	0.00
29) Benzene-d6	8.27	84	697609	39.25	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	213473	42.08	ug/L	0.00
37) Toluene-d8	10.33	98	655101	36.39	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	97010	38.22	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	89681	56.78	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	179739	33.88	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	236790	34.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	145018	15.052 ug/L	96
3) Chloromethane	2.21	50	150230	16.933 ug/L	99
5) Vinyl chloride	2.37	62	145656	17.232 ug/L	99
6) Bromomethane	2.78	94	88511	20.212 ug/L	99
8) Chloroethane	2.93	64	86949	19.367 ug/L	95
9) Trichlorofluoromethane	3.26	101	128327	11.657 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	135359	22.507 ug/L	97
12) 1,1-Dichloroethene	4.03	96	126189m	24.809 ug/L	
13) Acetone	4.12	43	65884	34.540 ug/L	99
14) Carbon disulfide	4.37	76	402119	20.137 ug/L	97
15) Methyl Acetate	4.67	43	78847	18.736 ug/L	99
16) Methylene chloride	4.91	84	146347	16.488 ug/L	99
17) Methyl tert-butyl Ether	5.43	73	206044	14.592 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	134717	23.719 ug/L	96
19) 1,1-Dichloroethane	6.21	63	263086	25.348 ug/L	96
21) 2-Butanone	7.18	43	98981	33.860 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	150737	24.867 ug/L	96
23) Bromochloromethane	7.52	128	66301	23.470 ug/L	96
25) Chloroform	7.68	83	266955	24.459 ug/L	99
27) 1,2-Dichloroethane	8.40	62	192647	22.738 ug/L	97
30) Cyclohexane	7.96	56	254099	25.422 ug/L	97
31) 1,1,1-Trichloroethane	7.87	97	219729	21.832 ug/L	100
32) Carbon tetrachloride	8.07	117	208756	22.357 ug/L	99
34) Benzene	8.33	78	589271	23.894 ug/L	100
35) Trichloroethene	9.09	95	150573	23.003 ug/L	99
36) Methylcyclohexane	9.34	83	275148	24.218 ug/L	99
40) 1,2-Dichloropropane	9.37	63	155750	25.582 ug/L	99
41) Bromodichloromethane	9.65	83	190596	24.421 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	234929	26.124 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	222682	38.256 ug/L	99

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44) Toluene	10.39	91	632186	22.372	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	209146	24.823	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	112006	23.437	ug/L	99
47) Tetrachloroethene	10.87	164	122416	20.655	ug/L	98
49) 2-Hexanone	10.98	43	164667	38.480	ug/L	97
50) Dibromochloromethane	11.13	129	133884	23.451	ug/L	99
51) 1,2-Dibromoethane	11.24	107	104381	22.253	ug/L	99
52) Chlorobenzene	11.66	112	399468	21.664	ug/L	96
53) Ethylbenzene	11.74	91	723582	22.017	ug/L	100
54) m,p-Xylene	11.84	106	268606	21.828	ug/L	98
55) o-xylene	12.17	106	257498	22.284	ug/L	99
56) Styrene	12.19	104	450922	22.609	ug/L	100
57) Isopropylbenzene	12.47	105	721688	22.484	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	145758	22.182	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	112721	20.071	ug/L	99
62) Bromoform	12.35	173	81371	21.356	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	318161	22.004	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	329425	22.074	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	298147	21.538	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	25415	16.920	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	249141	21.761	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	204233	21.582	ug/L	100
69) Naphthalene	15.38	128	415945	20.062	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	190142	21.379	ug/L	100

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

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