

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120618\
 Data File : VV008860.D
 Acq On : 06 Dec 2018 15:46
 Operator : SY/MD
 Sample : VSTD2.566
 Misc : 5.00g/10.0 mL/MSVOA V/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD2.566

Manual Integrations
 APPROVED

sam
 12/11/2018 4:25:18 PM

Quant Time: Dec 07 00:51:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 00:29:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	198339	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	163613	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68690	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4804	2.23	ug/L	0.00
7) Chloroethane-d5	1.58	69	3604	2.29	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	13445	2.62	ug/L	0.00
20) 2-Butanone-d5	3.95	46	4058	6.33	ug/L	0.02
24) Chloroform-d	4.40	84	11978	2.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	6611	2.68	ug/L	0.00
29) Benzene-d6	5.10	84	23677	2.67	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.12	67	6695	2.73	ug/L	0.00
37) Toluene-d8	7.36	98	21554	2.62	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	2429	2.27	ug/L	0.00
39) 2-Hexanone-d5	8.14	63	2081	4.95	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.26	84	5287	2.65	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.68	152	7300	3.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10312	3.457 ug/L	99
3) Chloromethane	1.25	50	6511	2.929 ug/L	99
5) Vinyl chloride	1.32	62	7209	2.905 ug/L	98
6) Bromomethane	1.53	94	3726	3.222 ug/L	96
8) Chloroethane	1.60	64	3896	2.675 ug/L	99
9) Trichlorofluoromethane	1.77	101	12055	2.808 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7940	2.682 ug/L	95
12) 1,1-Dichloroethene	2.14	96	6727	2.595 ug/L	95
13) Acetone	2.19	43	5366	4.577 ug/L	99
14) Carbon disulfide	2.32	76	21799	2.574 ug/L	100
15) Methyl Acetate	2.47	43	3817	2.986 ug/L	95
16) Methylene chloride	2.53	84	11779	3.979 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	15424	2.753 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	7277	2.573 ug/L	93
19) 1,1-Dichloroethane	3.23	63	12100	2.641 ug/L	97
21) 2-Butanone	4.03	43	4299m	3.955 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	7278	2.500 ug/L	97
23) Bromochloromethane	4.30	128	3651	2.779 ug/L	89
25) Chloroform	4.42	83	12486	2.563 ug/L	98
27) 1,2-Dichloroethane	5.18	62	8704	2.733 ug/L #	91
30) Cyclohexane	4.73	56	11693	2.838 ug/L	99
31) 1,1,1-Trichloroethane	4.66	97	11559	2.724 ug/L	99
32) Carbon tetrachloride	4.87	117	10107	2.569 ug/L	100
34) Benzene	5.15	78	26884	2.727 ug/L	100
35) Trichloroethene	5.96	95	8432	2.873 ug/L	98
36) Methylcyclohexane	6.18	83	12664	2.625 ug/L	96
40) 1,2-Dichloropropane	6.22	63	6148	2.595 ug/L #	96
41) Bromodichloromethane	6.56	83	8308	2.672 ug/L	95
42) cis-1,3-Dichloropropene	7.07	75	8058	2.220 ug/L	97
43) 4-Methyl-2-pentanone	7.28	43	9640	6.752 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.43	91	27334	2.625	ug/L	98
45) trans-1,3-Dichloropropene	7.70	75	7191	2.367	ug/L	99
46) 1,1,2-Trichloroethane	7.89	97	5171	2.716	ug/L	97
47) Tetrachloroethene	8.02	164	6990	2.952	ug/L	94
49) 2-Hexanone	8.19	43	7122	5.646	ug/L	97
50) Dibromochloromethane	8.29	129	5400	2.385	ug/L	96
51) 1,2-Dibromoethane	8.40	107	5121	2.674	ug/L #	96
52) Chlorobenzene	8.93	112	18170	2.732	ug/L	98
53) Ethylbenzene	9.06	91	28961	2.535	ug/L	98
54) m,p-Xylene	9.18	106	10672	2.453	ug/L	89
55) o-xylene	9.59	106	9943	2.465	ug/L	98
56) Styrene	9.61	104	15240	2.278	ug/L	96
57) Isopropylbenzene	9.98	105	27692	2.545	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	5121	2.457	ug/L #	89
59) 1,2,3-Trichloropropane	10.32	75	5457	3.191	ug/L	93
62) Bromoform	9.78	173	3295	2.720	ug/L #	92
63) 1,3-Dichlorobenzene	11.23	146	11893	2.735	ug/L	96
64) 1,4-Dichlorobenzene	11.32	146	13058	2.950	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	11054	2.728	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	886m	2.835	ug/L	
67) 1,3,5-Trichlorobenzene	12.69	180	8674	2.726	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	5044	2.254	ug/L	99
69) Naphthalene	13.56	128	8204	2.290	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	4717	2.291	ug/L	95

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

