

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111518\
 Data File : VV008567.D
 Acq On : 15 Nov 2018 11:34
 Operator : SY/MD
 Sample : VSTD00568
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00568

Manual Integrations
 APPROVED

apatel
 11/16/2018 2:04:56 PM

Quant Time: Nov 16 04:04:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 03:55:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	269891	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	239106	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98058	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9662	8.92	ug/L	0.00
7) Chloroethane-d5	1.57	69	6986	8.25	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	16634	7.37	ug/L	0.00
21) 2-Butanone-d5	3.93	46	15924m	10.86	ug/L	0.00
24) Chloroform-d	4.40	84	20767	6.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	13806	6.98	ug/L	0.00
32) Benzene-d6	5.10	84	41748	7.62	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	13828	7.43	ug/L	0.00
41) Toluene-d8	7.36	98	35997	7.30	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5884	6.81	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	10355	10.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	16462	6.00	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	12455	7.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11183	5.322	ug/L 98
3) Chloromethane	1.25	50	10141	4.837	ug/L 95
5) Vinyl chloride	1.32	62	9250	4.809	ug/L 98
6) Bromomethane	1.52	94	2903	4.968	ug/L 95
8) Chloroethane	1.59	64	5341	5.158	ug/L 97
9) Trichlorofluoromethane	1.77	101	13189	5.204	ug/L 95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	7759	5.558	ug/L 96
12) 1,1-Dichloroethene	2.14	96	6607	5.090	ug/L 96
13) Acetone	2.19	43	13173	9.862	ug/L 99
14) Carbon disulfide	2.32	76	26283	4.920	ug/L 98
15) Methyl Acetate	2.46	43	11612	4.760	ug/L 99
16) Methylene chloride	2.54	84	11537	5.674	ug/L 98
17) trans-1,2-Dichloroethene	2.79	96	9592	5.177	ug/L 99
18) Methyl tert-butyl Ether	2.81	73	32034	5.029	ug/L 98
19) 1,1-Dichloroethane	3.23	63	17927	4.893	ug/L 97
20) cis-1,2-Dichloroethene	3.97	96	10352	4.874	ug/L 87
22) 2-Butanone	4.03	43	18263m	9.945	ug/L
23) Bromochloromethane	4.31	128	4956m	4.962	ug/L
25) Chloroform	4.43	83	23706	6.387	ug/L 100
27) 1,2-Dichloroethane	5.18	62	14983	5.092	ug/L 99
29) Cyclohexane	4.72	56	18280	5.525	ug/L 97
30) 1,1,1-Trichloroethane	4.66	97	15425	5.014	ug/L 99
31) Carbon tetrachloride	4.88	117	13077	5.044	ug/L 97
33) Benzene	5.15	78	39051	5.221	ug/L 100
34) Trichloroethene	5.96	95	10847	5.612	ug/L 97
35) Methylcyclohexane	6.18	83	17608	5.496	ug/L 98
37) 1,2-Dichloropropane	6.23	63	10452	5.116	ug/L 98
38) Bromodichloromethane	6.56	83	13109	5.114	ug/L 97
39) cis-1,3-Dichloropropene	7.07	75	14974	4.903	ug/L 99
40) 4-Methyl-2-pentanone	7.28	43	27622	9.359	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	40861	5.203	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	13680	4.867	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	9524	5.188	ug/L	99
46) Tetrachloroethene	8.02	164	7294	5.275	ug/L	94
48) 2-Hexanone	8.19	43	21273	9.477	ug/L	95
49) Dibromochloromethane	8.29	129	9107	4.780	ug/L	93
50) 1,2-Dibromoethane	8.40	107	9371	4.883	ug/L #	91
51) Chlorobenzene	8.93	112	25601	5.178	ug/L	99
52) Ethylbenzene	9.06	91	43889	5.040	ug/L	99
53) m,p-Xylene	9.18	106	15880	4.984	ug/L	98
54) o-xylene	9.59	106	15922	4.983	ug/L	91
55) Styrene	9.61	104	24179	4.640	ug/L	98
56) Isopropylbenzene	9.98	105	40625	4.865	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	15106	4.998	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	12547	4.928	ug/L	100
61) Bromoform	9.78	173	5826	4.927	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	16720	5.138	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	17104	5.297	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	17419	5.273	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	3183	5.263	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	11366	5.304	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	7673	4.602	ug/L	99
69) Naphthalene	13.56	128	19368	3.846	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7796	4.617	ug/L	98

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

