

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007850.D
 Acq On : 25 Sep 2018 12:27
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Manual Integrations
 APPROVED

apatel
 9/27/2018 12:28:51 PM

Quant Time: Sep 26 04:31:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:25:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	191767	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	183453	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97432	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12014	9.99	ug/L	0.00
7) Chloroethane-d5	1.59	69	10837	10.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	25603	10.00	ug/L	0.00
21) 2-Butanone-d5	3.96	46	11001	13.58	ug/L	0.00
24) Chloroform-d	4.41	84	22890	9.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	17763	9.98	ug/L	0.00
32) Benzene-d6	5.11	84	48803	9.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	15311	9.95	ug/L	0.00
41) Toluene-d8	7.36	98	47707	9.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6453	8.81	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	10185	16.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21705	9.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	21688	10.01	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	13997m	10.292	ug/L
3) Chloromethane	1.26	50	13463	10.292	ug/L
5) Vinyl chloride	1.33	62	14219	10.127	ug/L
6) Bromomethane	1.54	94	7727	9.938	ug/L
8) Chloroethane	1.60	64	8520	9.729	ug/L
9) Trichlorofluoromethane	1.78	101	23658	10.056	ug/L
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	12933	9.837	ug/L
12) 1,1-Dichloroethene	2.15	96	11774	9.990	ug/L
13) Acetone	2.19	43	19287	19.761	ug/L
14) Carbon disulfide	2.32	76	29045	9.435	ug/L
15) Methyl Acetate	2.47	43	13420	9.373	ug/L
16) Methylene chloride	2.54	84	13201	10.111	ug/L
17) trans-1,2-Dichloroethene	2.80	96	12825	10.188	ug/L
18) Methyl tert-butyl Ether	2.82	73	38348	9.778	ug/L
19) 1,1-Dichloroethane	3.23	63	20896	9.673	ug/L
20) cis-1,2-Dichloroethene	3.97	96	13000	9.531	ug/L
22) 2-Butanone	4.04	43	21605	19.317	ug/L
23) Bromochloromethane	4.31	128	6678	9.411	ug/L
25) Chloroform	4.44	83	26427	10.307	ug/L
27) 1,2-Dichloroethane	5.19	62	20843	10.257	ug/L
29) Cyclohexane	4.73	56	18900	9.634	ug/L
30) 1,1,1-Trichloroethane	4.67	97	20254	9.748	ug/L
31) Carbon tetrachloride	4.88	117	17020	9.271	ug/L
33) Benzene	5.15	78	49219	9.977	ug/L
34) Trichloroethene	5.96	95	13869	10.135	ug/L
35) Methylcyclohexane	6.18	83	19963	9.299	ug/L
37) 1,2-Dichloropropane	6.23	63	13159	10.002	ug/L
38) Bromodichloromethane	6.56	83	15454	9.281	ug/L
39) cis-1,3-Dichloropropene	7.08	75	15871	8.310	ug/L
40) 4-Methyl-2-pentanone	7.28	43	35364	19.022	ug/L

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	53282	9.586	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	16791	8.845	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	12815	9.747	ug/L	97
46) Tetrachloroethene	8.02	164	13050	9.924	ug/L	97
48) 2-Hexanone	8.19	43	26511	18.042	ug/L	98
49) Dibromochloromethane	8.30	129	12607	8.770	ug/L	97
50) 1,2-Dibromoethane	8.40	107	13445	9.511	ug/L	97
51) Chlorobenzene	8.93	112	37315	9.699	ug/L	98
52) Ethylbenzene	9.06	91	59269	9.440	ug/L	98
53) m,p-Xylene	9.19	106	22744	9.508	ug/L	97
54) o-xylene	9.59	106	21397	9.209	ug/L	99
55) Styrene	9.61	104	35201	8.845	ug/L	95
56) Isopropylbenzene	9.98	105	58616	9.255	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	20629	9.601	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	17153	9.794	ug/L	99
61) Bromoform	9.78	173	9082	8.839	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	29967	9.830	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	31868	9.837	ug/L	95
65) 1,2-Dichlorobenzene	11.70	146	31094	9.829	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3660	8.842	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	24388	9.489	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	19072	8.795	ug/L	98
69) Naphthalene	13.56	128	41193	7.766	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	19710	8.977	ug/L	98

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

