

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110718\
 Data File : VV008546.D
 Acq On : 07 Nov 2018 12:29
 Operator : SY/MD
 Sample : VSTD01043
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01043

Quant Time: Nov 07 13:40:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 07 13:37:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	135086	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	126124	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56828	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73020	9.56	ug/L	0.00
7) Chloroethane-d5	1.59	69	52404	8.70	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	134741	9.20	ug/L	0.00
20) 2-Butanone-d5	3.97	46	246162	96.14	ug/L	0.00
24) Chloroform-d	4.41	84	178361	10.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	93336	10.79	ug/L	0.00
32) Benzene-d6	5.10	84	349348	9.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	109123	8.95	ug/L	0.00
41) Toluene-d8	7.36	98	323049	9.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	44793	8.86	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	204151	115.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	77850	9.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	105739	9.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	125872	12.103 ug/L	100
3) Chloromethane	1.25	50	98424	9.271 ug/L	98
5) Vinyl chloride	1.32	62	93711	9.323 ug/L	99
6) Bromomethane	1.54	94	54646	9.500 ug/L	95
8) Chloroethane	1.60	64	50001	9.570 ug/L	99
9) Trichlorofluoromethane	1.77	101	115007	9.411 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	68908	9.881 ug/L	97
12) 1,1-Dichloroethene	2.14	96	64052	9.871 ug/L	94
13) Acetone	2.23	43	118658	85.647 ug/L	98
14) Carbon disulfide	2.32	76	207195	9.280 ug/L	100
15) Methyl Acetate	2.47	43	30250	8.777 ug/L	95
16) Methylene chloride	2.54	84	68365	9.102 ug/L	98
17) Methyl tert-butyl Ether	2.82	73	168590	9.145 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	69650	9.976 ug/L	99
19) 1,1-Dichloroethane	3.23	63	133637	9.264 ug/L	96
21) 2-Butanone	4.06	43	277616	96.504 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	108255	9.603 ug/L	# 99
23) Bromochloromethane	4.30	128	42005	10.051 ug/L	96
25) Chloroform	4.43	83	184772	10.451 ug/L	97
27) 1,2-Dichloroethane	5.19	62	119866	11.404 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	162834	10.367 ug/L	98
30) Cyclohexane	4.72	56	182387	9.238 ug/L	99
31) Carbon tetrachloride	4.87	117	142251	10.771 ug/L	100
33) Benzene	5.15	78	403119	9.484 ug/L	100
34) Trichloroethene	5.96	95	107514	9.128 ug/L	96
35) Methylcyclohexane	6.18	83	167690	8.443 ug/L	96
37) 1,2-Dichloropropane	6.23	63	103156	8.995 ug/L	# 98
38) Bromodichloromethane	6.56	83	127838	9.924 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	152930	9.347 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	650684	92.648 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	422294	9.532	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	122903	9.386	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	68803	9.665	ug/L	99
47) Tetrachloroethene	8.02	164	74711	10.124	ug/L	94
48) 2-Hexanone	8.19	43	460613	89.732	ug/L	96
49) Dibromochloromethane	8.29	129	80951	9.976	ug/L	99
50) 1,2-Dibromoethane	8.40	107	64459	9.660	ug/L	97
51) Chlorobenzene	8.93	112	255622	9.712	ug/L	99
52) Ethylbenzene	9.06	91	464392	9.533	ug/L	100
53) m,p-xylene	9.18	106	171922	9.757	ug/L	99
54) o-xylene	9.59	106	166550	9.488	ug/L	97
55) Styrene	9.61	104	277656	9.831	ug/L	98
56) Isopropylbenzene	9.98	105	446545	9.653	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	84832	10.472	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	61713	9.618	ug/L	99
61) Bromoform	9.78	173	38310	9.221	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	188727	9.812	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	184651	9.697	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	177472	9.624	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	12757	9.171	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	134856	10.836	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	109131	12.318	ug/L	97
69) Naphthalene	13.56	128	197238	11.943	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	104192	11.846	ug/L	98

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

