

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007513.D
 Acq On : 13 Sep 2018 17:02
 Operator : SY/MD
 Sample : VSTD0.565
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.565

Quant Time: Sep 14 04:10:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 04:09:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152232	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	4209	0.52	ug/L	0.00
7) Chloroethane-d5	1.59	69	3581	0.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	8550	0.52	ug/L	0.00
20) 2-Butanone-d5	3.98	46	4065	2.48	ug/L	0.00
24) Chloroform-d	4.41	84	7943	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	3739	0.45	ug/L	0.00
32) Benzene-d6	5.10	84	15012	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	4568	0.50	ug/L	0.00
41) Toluene-d8	7.36	98	15197	0.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	1871	0.41	ug/L	0.00
46) 2-Hexanone-d5	8.15	63	2608	2.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	2991	0.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	7115	0.57	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	4504	0.524 ug/L	97
3) Chloromethane	1.25	50	4102	0.534 ug/L	99
5) Vinyl chloride	1.32	62	4330	0.493 ug/L	97
6) Bromomethane	1.54	94	3069	0.519 ug/L	88
8) Chloroethane	1.60	64	2511	0.479 ug/L	89
9) Trichlorofluoromethane	1.77	101	8255	0.527 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4619	0.517 ug/L #	92
12) 1,1-Dichloroethene	2.15	96	4092	0.520 ug/L	90
13) Acetone	2.21	43	3660	3.815 ug/L	81
14) Carbon disulfide	2.32	76	12169	0.510 ug/L	96
15) Methyl Acetate	2.47	43	1113	0.417 ug/L	96
16) Methylene chloride	2.54	84	5348	0.639 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	10730	0.545 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	4444	0.524 ug/L	96
19) 1,1-Dichloroethane	3.23	63	6642	0.491 ug/L	97
21) 2-Butanone	4.05	43	5475	3.487 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	4381	0.534 ug/L	95
23) Bromochloromethane	4.30	128	1856	0.474 ug/L	98
25) Chloroform	4.43	83	7623	0.543 ug/L	92
27) 1,2-Dichloroethane	5.19	62	4186	0.481 ug/L #	86
29) 1,1,1-Trichloroethane	4.66	97	7432	0.542 ug/L	98
30) Cyclohexane	4.72	56	6434	0.531 ug/L	95
31) Carbon tetrachloride	4.88	117	6773	0.536 ug/L	96
33) Benzene	5.15	78	15223	0.524 ug/L	100
34) Trichloroethene	5.96	95	4490	0.508 ug/L	84
35) Methylcyclohexane	6.18	83	6871	0.504 ug/L	94
37) 1,2-Dichloropropane	6.23	63	3788	0.521 ug/L	98
38) Bromodichloromethane	6.56	83	5599	0.538 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	5512	0.468 ug/L	93
40) 4-Methyl-2-pentanone	7.29	43	19960	4.788 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	16975	0.524	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	4715	0.478	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	2948	0.526	ug/L	88
47) Tetrachloroethene	8.02	164	4111	0.540	ug/L	90
48) 2-Hexanone	8.20	43	15470	5.111	ug/L #	90
49) Dibromochloromethane	8.29	129	3594	0.466	ug/L	99
50) 1,2-Dibromoethane	8.40	107	2562	0.470	ug/L #	87
51) Chlorobenzene	8.93	112	11481	0.518	ug/L	97
52) Ethylbenzene	9.06	91	18597	0.502	ug/L	99
53) m,p-xylene	9.18	106	7306	0.504	ug/L	95
54) o-xylene	9.59	106	7160	0.508	ug/L	99
55) Styrene	9.61	104	11057	0.478	ug/L	96
56) Isopropylbenzene	9.98	105	18842	0.496	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	2321	0.389	ug/L #	91
59) 1,2,3-Trichloropropane	10.32	75	2211	0.469	ug/L #	87
61) Bromoform	9.78	173	2048	0.415	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	9722	0.525	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	9649	0.524	ug/L	95
65) 1,2-Dichlorobenzene	11.70	146	9393	0.541	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.49	75	372	0.302	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	6696	0.470	ug/L	95
68) 1,2,4-trichlorobenzene	13.32	180	3766	0.350	ug/L	98
69) Naphthalene	13.57	128	3650	0.226	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	3853	0.383	ug/L	98

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

