

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070318\
 Data File : VV006550.D
 Acq On : 03 Jul 2018 17:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00573

Quant Time: Jul 03 22:59:01 2018
 Quant Title :
 QLast Update : Tue Jul 03 22:57:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	5018	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	3513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2348	7.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	142.40%#
7) Chloroethane-d5	1.58	69	244	0.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	18.40%#
11) 1,1-Dichloroethene-d2	2.14	63	3398	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.20%
20) 2-Butanone-d5	3.94	46	1804	29.18	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.36%
24) Chloroform-d	4.40	84	2398	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.09	65	1684	6.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.00%
32) Benzene-d6	5.11	84	6676	7.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	146.00%#
36) 1,2-Dichloropropane-d6	6.13	67	2011	7.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	147.60%#
41) Toluene-d8	7.37	98	5042	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
43) trans-1,3-Dichloropropene-	7.67	79	214	2.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	42.60%#
46) 2-Hexanone-d5	8.14	63	2407	60.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	757	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	853	7.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	156.60%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	2248	6.113	ug/L 96
3) Chloromethane	1.25	50	2393	6.348	ug/L 92
5) Vinyl chloride	1.32	62	2455	5.994	ug/L 93
6) Bromomethane	1.54	94	1335	5.628	ug/L 83
8) Chloroethane	1.61	64	1489	5.732	ug/L # 42
9) Trichlorofluoromethane	1.78	101	3173	6.445	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	2152	6.959	ug/L 89
12) 1,1-Dichloroethene	2.15	96	1845	6.080	ug/L 92
13) Acetone	2.19	43	3575	94.336	ug/L 95
14) Carbon disulfide	2.33	76	4098	4.782	ug/L 96
15) Methyl Acetate	2.47	43	818	7.331	ug/L # 76
16) Methylene chloride	2.54	84	2093	5.888	ug/L 84
17) Methyl tert-butyl Ether	2.81	73	4211	5.725	ug/L 96
18) trans-1,2-Dichloroethene	2.80	96	1845	5.553	ug/L 96
19) 1,1-Dichloroethane	3.24	63	3419	5.778	ug/L # 89
21) 2-Butanone	4.02	43	6187	90.339	ug/L 92
22) cis-1,2-Dichloroethene	3.97	96	2051	5.614	ug/L 85
23) Bromochloromethane	4.31	128	863	5.813	ug/L 82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.44	83	3427	5.746	ug/L	97
27) 1,2-Dichloroethane	5.19	62	2123	6.335	ug/L #	71
29) 1,1,1-Trichloroethane	4.67	97	2603	6.795	ug/L #	64
30) Cyclohexane	4.74	56	2683	7.007	ug/L #	76
31) Carbon tetrachloride	4.67	117	221	0.688	ug/L	83
33) Benzene	5.16	78	7144	6.886	ug/L	100
34) Trichloroethene	5.97	95	2167	7.301	ug/L	83
35) Methylcyclohexane	6.19	83	2773	6.426	ug/L	95
37) 1,2-Dichloropropane	6.23	63	1733	6.835	ug/L #	85
38) Bromodichloromethane	6.57	83	1044	3.577	ug/L #	94
39) cis-1,3-Dichloropropene	7.08	75	1039	2.945	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	9487	76.900	ug/L	99
42) Toluene	7.44	91	6266	5.703	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	568	2.053	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	1068	6.099	ug/L #	88
47) Tetrachloroethene	8.03	164	1494	6.663	ug/L	96
48) 2-Hexanone	8.20	43	5915	66.645	ug/L #	90
49) Dibromochloromethane	8.29	129	430	2.304	ug/L	93
50) 1,2-Dibromoethane	8.40	107	815	5.177	ug/L #	99
51) Chlorobenzene	8.94	112	3544	4.875	ug/L	98
52) Ethylbenzene	9.06	91	5807	4.882	ug/L	99
53) m,p-xylene	9.19	106	1855	4.044	ug/L	93
54) o-xylene	9.59	106	1916	4.258	ug/L	100
55) Styrene	9.61	104	1579	2.145	ug/L	97
56) Isopropylbenzene	9.98	105	4651	3.966	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.30	83	645	3.906	ug/L #	81
59) 1,2,3-Trichloropropane	10.33	75	644	4.670	ug/L	94
61) Bromoform	9.78	173	155	4.713	ug/L #	36
62) 1,3-Dichlorobenzene	11.24	146	1191	6.170	ug/L	98
63) 1,4-Dichlorobenzene	11.33	146	1237	6.407	ug/L	93
65) 1,2-Dichlorobenzene	11.70	146	1401	7.755	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.70	75	92	11.984	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.70	180	951	6.484	ug/L #	87
68) 1,2,4-trichlorobenzene	13.32	180	584	5.430	ug/L #	89
69) Naphthalene	13.56	128	1330	8.460	ug/L #	76
70) 1,2,3-Trichlorobenzene	13.80	180	832	8.310	ug/L #	93

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

