

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008021.D
 Acq On : 02 Oct 2018 03:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Quant Time: Oct 02 04:20:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96211	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92890	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49956	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24980	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.59	69	21654	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.14	63	54547	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	3.97	46	70613	45.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.04%
24) Chloroform-d	4.41	84	57667	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.09	65	29345	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.10	84	109326	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.13	67	34007	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	111212	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	7.67	79	12229	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.14	63	53929	45.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	24839	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	44556	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	37427	4.638	ug/L 98
3) Chloromethane	1.25	50	33666	4.689	ug/L 97
5) Vinyl chloride	1.32	62	36852	4.794	ug/L 98
6) Bromomethane	1.54	94	20115	4.243	ug/L 98
8) Chloroethane	1.60	64	22591	4.874	ug/L 100
9) Trichlorofluoromethane	1.77	101	59218	4.719	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34348	4.826	ug/L 97
12) 1,1-Dichloroethene	2.15	96	29880	4.698	ug/L 98
13) Acetone	2.22	43	48723	43.106	ug/L 99
14) Carbon disulfide	2.32	76	75027	4.352	ug/L 100
15) Methyl Acetate	2.47	43	13045	4.513	ug/L 98
16) Methylene chloride	2.54	84	31846	4.507	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	73264	4.663	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	32705	4.665	ug/L 99
19) 1,1-Dichloroethane	3.23	63	57516	4.808	ug/L 98
21) 2-Butanone	4.05	43	80805	44.871	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	35362	4.982	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	15516	5.026	ug/L	95
25) Chloroform	4.43	83	63426	4.903	ug/L	97
27) 1,2-Dichloroethane	5.19	62	38303	4.601	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	54919	4.917	ug/L	99
30) Cyclohexane	4.73	56	48388	4.608	ug/L	99
31) Carbon tetrachloride	4.88	117	49117	4.988	ug/L	100
33) Benzene	5.15	78	131796	4.955	ug/L	100
34) Trichloroethene	5.96	95	35341	4.640	ug/L	94
35) Methylcyclohexane	6.18	83	51866	4.541	ug/L	99
37) 1,2-Dichloropropane	6.23	63	33836	4.979	ug/L	98
38) Bromodichloromethane	6.56	83	40668	5.005	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	42910	4.721	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	205251	48.125	ug/L	100
42) Toluene	7.43	91	147370	5.088	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	34352	4.546	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	24040	4.902	ug/L	99
47) Tetrachloroethene	8.02	164	32802	4.648	ug/L	94
48) 2-Hexanone	8.19	43	145576	49.077	ug/L	98
49) Dibromochloromethane	8.30	129	27746	4.956	ug/L	96
50) 1,2-Dibromoethane	8.40	107	22129	4.937	ug/L	99
51) Chlorobenzene	8.93	112	96962	4.846	ug/L	100
52) Ethylbenzene	9.06	91	156183	4.833	ug/L	99
53) m,p-xylene	9.19	106	59607	4.844	ug/L	98
54) o-xylene	9.59	106	57569	4.844	ug/L	99
55) Styrene	9.61	104	99847	4.919	ug/L	99
56) Isopropylbenzene	9.98	105	155122	4.819	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	27801	4.827	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	19962	4.722	ug/L	100
61) Bromoform	9.78	173	15324	5.108	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	78854	4.781	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	80684	4.705	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	76466	4.918	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3942	4.977	ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	66144	4.684	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	51979	4.355	ug/L	100
69) Naphthalene	13.56	128	68377	4.096	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	49838	4.611	ug/L	98

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

