

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008095.D
 Acq On : 05 Oct 2018 13:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00575

Quant Time: Oct 06 00:57:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 00:55:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	102742	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	97805	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51447	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29682	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	23799	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.14	63	58735	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.96	46	74822	49.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.62%
24) Chloroform-d	4.41	84	64416	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.09	65	31097	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.10	84	123166	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	37369	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	122373	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	13757	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.14	63	56777	51.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.24%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	27545	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	47183	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	35864	5.148	ug/L 99
3) Chloromethane	1.25	50	29135	4.963	ug/L 100
5) Vinyl chloride	1.33	62	33035	5.054	ug/L 96
6) Bromomethane	1.54	94	16366	5.285	ug/L 100
8) Chloroethane	1.60	64	20274	4.642	ug/L 99
9) Trichlorofluoromethane	1.77	101	54959	4.908	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	32884	4.938	ug/L 99
12) 1,1-Dichloroethene	2.15	96	27425	4.927	ug/L 96
13) Acetone	2.21	43	45982	44.729	ug/L 99
14) Carbon disulfide	2.32	76	69362	4.897	ug/L 97
15) Methyl Acetate	2.47	43	11931	4.889	ug/L 97
16) Methylene chloride	2.54	84	30279	4.484	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	70448	5.049	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	29670	4.884	ug/L 99
19) 1,1-Dichloroethane	3.23	63	58476	5.055	ug/L 99
21) 2-Butanone	4.05	43	81403	49.085	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	34724	5.068	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	15936	5.122	ug/L	97
25) Chloroform	4.43	83	63546	5.105	ug/L	99
27) 1,2-Dichloroethane	5.19	62	36664	5.014	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	55473	5.107	ug/L	99
30) Cyclohexane	4.73	56	46617	5.167	ug/L	99
31) Carbon tetrachloride	4.88	117	48964	5.017	ug/L	100
33) Benzene	5.15	78	129782	5.259	ug/L	100
34) Trichloroethene	5.96	95	35685	4.955	ug/L	99
35) Methylcyclohexane	6.18	83	51022	5.071	ug/L	98
37) 1,2-Dichloropropane	6.23	63	33742	5.067	ug/L	100
38) Bromodichloromethane	6.56	83	41594	5.106	ug/L	93
39) cis-1,3-Dichloropropene	7.08	75	43668	5.114	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	196181	51.985	ug/L	100
42) Toluene	7.43	91	141836	5.410	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	36687	5.283	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	24175	5.176	ug/L	97
47) Tetrachloroethene	8.02	164	32714	5.086	ug/L	97
48) 2-Hexanone	8.19	43	138191	53.939	ug/L	98
49) Dibromochloromethane	8.29	129	29474	5.058	ug/L	98
50) 1,2-Dibromoethane	8.40	107	22783	5.373	ug/L	96
51) Chlorobenzene	8.93	112	94745	5.167	ug/L	98
52) Ethylbenzene	9.06	91	153698	5.371	ug/L	99
53) m,p-xylene	9.18	106	59497	5.485	ug/L	96
54) o-xylene	9.59	106	56841	5.488	ug/L	98
55) Styrene	9.61	104	99556	5.645	ug/L	99
56) Isopropylbenzene	9.98	105	154772	5.433	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	28002	5.171	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	19965	5.135	ug/L	97
61) Bromoform	9.78	173	16678	5.265	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	79920	5.218	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	79811	5.112	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	76509	5.170	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4017	5.198	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	68054	5.214	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	53233	5.467	ug/L	99
69) Naphthalene	13.56	128	67437	5.425	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	49300	5.324	ug/L	99

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

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