

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100418\
 Data File : VV008066.D
 Acq On : 04 Oct 2018 17:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00571

Quant Time: Oct 05 05:22:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 05 05:20:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88200	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84112	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20280	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.59	69	18631	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.14	63	48424	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.96	46	76793	54.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.00%
24) Chloroform-d	4.41	84	56254	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.09	65	28679	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	102331	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.12	67	34128	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	102032	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	12379	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.14	63	57218	52.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25950	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	43464	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	37934	5.128	ug/L 100
3) Chloromethane	1.25	50	31537	4.791	ug/L 99
5) Vinyl chloride	1.33	62	34455	4.890	ug/L 96
6) Bromomethane	1.54	94	20770	4.779	ug/L 95
8) Chloroethane	1.60	64	21184	4.985	ug/L 99
9) Trichlorofluoromethane	1.77	101	60214	5.235	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	34365	5.267	ug/L 98
12) 1,1-Dichloroethene	2.15	96	28759	4.933	ug/L 95
13) Acetone	2.21	43	49059	47.345	ug/L 100
14) Carbon disulfide	2.32	76	69643	4.407	ug/L 99
15) Methyl Acetate	2.47	43	12169	4.592	ug/L 99
16) Methylene chloride	2.54	84	32605	5.033	ug/L 92
17) Methyl tert-butyl Ether	2.81	73	72409	5.027	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	31631	4.922	ug/L 99
19) 1,1-Dichloroethane	3.23	63	59496	5.426	ug/L 99
21) 2-Butanone	4.05	43	84376	51.110	ug/L 100
22) cis-1,2-Dichloroethene	3.97	96	35813	5.504	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	16202	5.725	ug/L	91
25) Chloroform	4.43	83	65015	5.482	ug/L	96
27) 1,2-Dichloroethane	5.19	62	38293	5.017	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	57531	5.688	ug/L	99
30) Cyclohexane	4.73	56	48253	5.075	ug/L	99
31) Carbon tetrachloride	4.88	117	50687	5.685	ug/L	100
33) Benzene	5.15	78	133757	5.554	ug/L	100
34) Trichloroethene	5.96	95	36765	5.331	ug/L	94
35) Methylcyclohexane	6.18	83	53217	5.146	ug/L	99
37) 1,2-Dichloropropane	6.23	63	34786	5.654	ug/L	99
38) Bromodichloromethane	6.56	83	42436	5.768	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	45415	5.518	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	202792	52.511	ug/L	100
42) Toluene	7.43	91	147688	5.631	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	37775	5.521	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	24423	5.500	ug/L	99
47) Tetrachloroethene	8.02	164	34416	5.385	ug/L	98
48) 2-Hexanone	8.19	43	145404	54.134	ug/L	98
49) Dibromochloromethane	8.29	129	29700	5.859	ug/L	99
50) 1,2-Dibromoethane	8.40	107	22128	5.452	ug/L #	96
51) Chlorobenzene	8.93	112	98130	5.416	ug/L	99
52) Ethylbenzene	9.06	91	157972	5.399	ug/L	99
53) m,p-xylene	9.18	106	61554	5.524	ug/L	99
54) o-xylene	9.59	106	59667	5.544	ug/L	95
55) Styrene	9.61	104	102282	5.565	ug/L	100
56) Isopropylbenzene	9.98	105	161856	5.553	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	27641	5.300	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	20442	5.340	ug/L	99
61) Bromoform	9.78	173	16537	5.865	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	83601	5.394	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	84638	5.252	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	79836	5.464	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3966	5.328	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	72988	5.500	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	56402	5.028	ug/L	99
69) Naphthalene	13.56	128	69618	4.437	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	53076	5.225	ug/L	100

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

