

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007897.D
 Acq On : 27 Sep 2018 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Quant Time: Sep 28 00:36:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 07:04:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	115685	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30696	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	27060	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.14	63	70119	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.96	46	88510	47.45	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	4.41	84	72230	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.09	65	37303	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.10	84	137027	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	43173	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	142303	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	7.67	79	16723	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.14	63	69460	48.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32104	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	58210	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	49241	5.075	ug/L 100
3) Chloromethane	1.25	50	44097	5.108	ug/L 98
5) Vinyl chloride	1.33	62	46443	5.025	ug/L 97
6) Bromomethane	1.54	94	29104	5.105	ug/L 96
8) Chloroethane	1.60	64	28625	5.136	ug/L 98
9) Trichlorofluoromethane	1.78	101	76300	5.057	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	44756	5.230	ug/L 98
12) 1,1-Dichloroethene	2.15	96	37937	4.961	ug/L 93
13) Acetone	2.22	43	64201	47.238	ug/L 98
14) Carbon disulfide	2.32	76	105848	5.106	ug/L 99
15) Methyl Acetate	2.47	43	16103	4.633	ug/L 94
16) Methylene chloride	2.54	84	40843	4.807	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	91591	4.848	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	42232	5.010	ug/L 98
19) 1,1-Dichloroethane	3.23	63	69953	4.864	ug/L 99
21) 2-Butanone	4.05	43	101781	47.005	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	44034	5.159	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	19295	5.198	ug/L	94
25) Chloroform	4.43	83	78678	5.058	ug/L	97
27) 1,2-Dichloroethane	5.19	62	50210	5.016	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	70656	5.308	ug/L	99
30) Cyclohexane	4.73	56	65508	5.235	ug/L	99
31) Carbon tetrachloride	4.88	117	63723	5.430	ug/L	97
33) Benzene	5.15	78	167484	5.284	ug/L	100
34) Trichloroethene	5.96	95	45350	4.996	ug/L	93
35) Methylcyclohexane	6.18	83	72408	5.320	ug/L	99
37) 1,2-Dichloropropane	6.23	63	43214	5.336	ug/L	99
38) Bromodichloromethane	6.56	83	52032	5.374	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	58754	5.424	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	250422	49.269	ug/L	99
42) Toluene	7.43	91	186700	5.408	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	48796	5.419	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	29273	5.009	ug/L	99
47) Tetrachloroethene	8.02	164	44356	5.274	ug/L	98
48) 2-Hexanone	8.19	43	179932	50.899	ug/L	99
49) Dibromochloromethane	8.29	129	36789	5.514	ug/L	98
50) 1,2-Dibromoethane	8.40	107	27536	5.155	ug/L	98
51) Chlorobenzene	8.93	112	126491	5.305	ug/L	99
52) Ethylbenzene	9.06	91	204690	5.315	ug/L	98
53) m,p-xylene	9.18	106	79682	5.434	ug/L	99
54) o-xylene	9.59	106	76118	5.374	ug/L	99
55) Styrene	9.61	104	131296	5.428	ug/L	98
56) Isopropylbenzene	9.98	105	210069	5.476	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	34312	4.999	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	25607	5.082	ug/L	96
61) Bromoform	9.78	173	20108	5.536	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	105459	5.282	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	105372	5.075	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	97799	5.196	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	5105	5.324	ug/L	89
67) 1,3,5-Trichlorobenzene	12.70	180	90349	5.285	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	74128	5.130	ug/L	98
69) Naphthalene	13.56	128	97922	4.845	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	67338	5.146	ug/L	99

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

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