

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008332.D
 Acq On : 18 Oct 2018 09:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00570

Quant Time: Oct 19 05:24:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141674	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	127735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55951	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37309	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	29445	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	75731	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	3.98	46	126497	47.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.22%
24) Chloroform-d	4.41	84	84446	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	40733	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.10	84	170969	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	58298	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	159315	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	20869	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	93256	51.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.86%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35769	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	51579	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	55012	5.044	ug/L 99
3) Chloromethane	1.25	50	57036	5.123	ug/L 98
5) Vinyl chloride	1.33	62	57986	5.501	ug/L 98
6) Bromomethane	1.54	94	28538	4.731	ug/L 94
8) Chloroethane	1.60	64	31116	5.679	ug/L 99
9) Trichlorofluoromethane	1.77	101	75815	5.916	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	41437	5.665	ug/L 99
12) 1,1-Dichloroethene	2.14	96	37125	5.455	ug/L 92
13) Acetone	2.23	43	65515	45.090	ug/L 56
14) Carbon disulfide	2.32	76	128758	5.499	ug/L 100
15) Methyl Acetate	2.48	43	14017	3.878	ug/L 99
16) Methylene chloride	2.54	84	41135	5.222	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	102263	5.289	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	41553	5.675	ug/L 95
19) 1,1-Dichloroethane	3.23	63	83074	5.491	ug/L 97
21) 2-Butanone	4.06	43	140816	46.674	ug/L 90
22) cis-1,2-Dichloroethene	3.96	96	56568	4.785	ug/L # 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21550	4.917	ug/L	95
25) Chloroform	4.43	83	92584	4.993	ug/L	98
27) 1,2-Dichloroethane	5.19	62	54942	4.984	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	78982	4.965	ug/L	99
30) Cyclohexane	4.72	56	98811	4.942	ug/L	99
31) Carbon tetrachloride	4.87	117	67619	5.056	ug/L	100
33) Benzene	5.15	78	215695	5.011	ug/L	100
34) Trichloroethene	5.96	95	67259	5.639	ug/L	98
35) Methylcyclohexane	6.17	83	99889	4.966	ug/L	99
37) 1,2-Dichloropropane	6.23	63	57328	4.936	ug/L	98
38) Bromodichloromethane	6.56	83	66123	5.068	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	82435	4.975	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	337398	47.435	ug/L	100
42) Toluene	7.43	91	230537	5.138	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	63845	4.814	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	35432	4.914	ug/L	99
47) Tetrachloroethene	8.02	164	39618	5.301	ug/L	91
48) 2-Hexanone	8.20	43	248876	47.872	ug/L	99
49) Dibromochloromethane	8.30	129	40724	4.955	ug/L	99
50) 1,2-Dibromoethane	8.40	107	32784	4.851	ug/L #	98
51) Chlorobenzene	8.93	112	142693	5.353	ug/L	100
52) Ethylbenzene	9.06	91	255299	5.175	ug/L	100
53) m,p-xylene	9.18	106	95436	5.348	ug/L	99
54) o-xylene	9.59	106	93497	5.259	ug/L	99
55) Styrene	9.60	104	151933	5.312	ug/L	98
56) Isopropylbenzene	9.98	105	247572	5.284	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	35415	4.317	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	31132	4.791	ug/L	98
61) Bromoform	9.78	173	19851	4.853	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	100570	5.311	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	98283	5.242	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	93991	5.177	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6061	4.426	ug/L	86
67) 1,3,5-Trichlorobenzene	12.70	180	68147	5.562	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	50609	5.802	ug/L	99
69) Naphthalene	13.56	128	79593	4.895	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	46407	5.359	ug/L	99

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

