

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081518\
 Data File : VV007032.D
 Acq On : 16 Aug 2018 01:00
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00588

Quant Time: Aug 16 04:56:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	225513	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	216978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96936	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55707	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	53161	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	118053	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.97	46	264558	63.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.40%
24) Chloroform-d	4.41	84	152101	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.09	65	79605	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.10	84	270225	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	100403	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	232713	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	32225	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.15	63	153156	56.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86110	5.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	86423	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	110009	5.01	ug/L	99
3) Chloromethane	1.25	50	104049	4.92	ug/L	98
5) Vinyl chloride	1.32	62	108884	4.99	ug/L	99
6) Bromomethane	1.53	94	27855	5.88	ug/L	98
8) Chloroethane	1.60	64	65851	4.97	ug/L	99
9) Trichlorofluoromethane	1.77	101	143567	5.16	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	86879	5.21	ug/L	99
12) 1,1-Dichloroethene	2.14	96	83549	5.16	ug/L	92
13) Acetone	2.21	43	128595	59.66	ug/L	100
14) Carbon disulfide	2.32	76	256996	4.81	ug/L	100
15) Methyl Acetate	2.47	43	34831	5.74	ug/L	97
16) Methylene chloride	2.54	84	91025	4.66	ug/L	96
17) Methyl tert-butyl Ether	2.82	73	210592	5.42	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	91498	5.28	ug/L	99
19) 1,1-Dichloroethane	3.23	63	159911	5.11	ug/L	98
21) 2-Butanone	4.05	43	288883	61.73	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	99715	5.07	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	44775	5.58	ug/L	92
25) Chloroform	4.43	83	181973	5.31	ug/L	99
27) 1,2-Dichloroethane	5.19	62	112806	5.28	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	151589	5.24	ug/L	99
30) Cyclohexane	4.73	56	146743	4.87	ug/L	99
31) Carbon tetrachloride	4.88	117	130664	5.39	ug/L	99
33) Benzene	5.15	78	400735	5.33	ug/L	100
34) Trichloroethene	5.96	95	94175	5.22	ug/L	95
35) Methylcyclohexane	6.18	83	141968	4.91	ug/L	98
37) 1,2-Dichloropropane	6.23	63	108174	5.26	ug/L	99
38) Bromodichloromethane	6.56	83	124847	5.34	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	122410	4.92	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	611409	55.01	ug/L	98
42) Toluene	7.44	91	401580	5.56	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	106637	5.23	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	72634	5.43	ug/L	94
47) Tetrachloroethene	8.02	164	76902	5.26	ug/L	98
48) 2-Hexanone	8.20	43	468925	59.82	ug/L	99
49) Dibromochloromethane	8.30	129	80027	5.70	ug/L	99
50) 1,2-Dibromoethane	8.40	107	63578	5.62	ug/L #	93
51) Chlorobenzene	8.93	112	245572	5.33	ug/L	100
52) Ethylbenzene	9.06	91	374471	5.19	ug/L	98
53) m,p-xylene	9.19	106	143334	5.33	ug/L	97
54) o-xylene	9.59	106	133120	5.23	ug/L	100
55) Styrene	9.61	104	235084	5.47	ug/L	100
56) Isopropylbenzene	9.98	105	349383	5.23	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	91018	5.59	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	64509	5.60	ug/L	100
61) Bromoform	9.78	173	43368	5.91	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	168710	5.38	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	173721	5.40	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	170650	5.53	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11027	5.03	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	125108	5.27	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	91712	5.26	ug/L	99
69) Naphthalene	13.56	128	125726	5.02	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	89595	5.33	ug/L	98

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

