

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092418\
 Data File : VV007804.D
 Acq On : 24 Sep 2018 09:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05073

Quant Time: Sep 25 02:06:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 24 07:19:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	192261	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	188488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110413	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46361	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.58	69	46558	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.06%
11) 1,1-Dichloroethene-d2	2.14	63	119947	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.38%
21) 2-Butanone-d5	3.95	46	62760	90.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.94%
24) Chloroform-d	4.41	84	110451	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
26) 1,2-Dichloroethane-d4	5.09	65	70197	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
32) Benzene-d6	5.10	84	209687	48.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	61439	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.36	98	222559	49.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.32%
43) trans-1,3-Dichloropropene-	7.67	79	32751	50.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.54%
47) 2-Hexanone-d5	8.14	63	52047	92.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97288	48.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.42%
64) 1,2-Dichlorobenzene-d4	11.68	152	108376	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	65401	48.994	ug/L 100
3) Chloromethane	1.25	50	50909	47.450	ug/L 100
5) Vinyl chloride	1.33	62	60110	48.368	ug/L 99
6) Bromomethane	1.53	94	51000	52.463	ug/L 97
8) Chloroethane	1.60	64	40897	49.219	ug/L 99
9) Trichlorofluoromethane	1.78	101	128810	50.261	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	75484	51.929	ug/L 98
12) 1,1-Dichloroethene	2.15	96	63799	50.031	ug/L 92
13) Acetone	2.19	43	85605	117.538	ug/L 99
14) Carbon disulfide	2.33	76	167518	49.589	ug/L 100
15) Methyl Acetate	2.46	43	62465	48.453	ug/L 99
16) Methylene chloride	2.54	84	70256	50.233	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	71209	49.499	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	211211	49.752	ug/L 100
19) 1,1-Dichloroethane	3.23	63	89979	49.505	ug/L 98
20) cis-1,2-Dichloroethene	3.97	96	64088	49.671	ug/L 97
22) 2-Butanone	4.03	43	80728	102.398	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35759	50.009	ug/L	98
25) Chloroform	4.43	83	109053	50.614	ug/L	99
27) 1,2-Dichloroethane	5.19	62	85180	48.738	ug/L	98
29) Cyclohexane	4.73	56	82207	49.874	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	102210	50.669	ug/L	99
31) Carbon tetrachloride	4.88	117	94382	50.641	ug/L	100
33) Benzene	5.15	78	225451	49.935	ug/L	100
34) Trichloroethene	5.96	95	66172	49.557	ug/L	99
35) Methylcyclohexane	6.18	83	104506	51.100	ug/L	99
37) 1,2-Dichloropropane	6.23	63	55497	48.821	ug/L	99
38) Bromodichloromethane	6.56	83	79723	51.013	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	90463	49.504	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	140913	93.740	ug/L	99
42) Toluene	7.43	91	266271	49.754	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	89418	51.539	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	63334	49.580	ug/L	96
46) Tetrachloroethene	8.02	164	67894	49.681	ug/L	99
48) 2-Hexanone	8.19	43	113165	97.729	ug/L	97
49) Dibromochloromethane	8.29	129	74491	51.393	ug/L	99
50) 1,2-Dibromoethane	8.40	107	69392	48.389	ug/L	97
51) Chlorobenzene	8.93	112	188753	48.963	ug/L	99
52) Ethylbenzene	9.06	91	306323	50.630	ug/L	100
53) m,p-Xylene	9.18	106	119887	49.516	ug/L	98
54) o-xylene	9.59	106	116999	49.536	ug/L	99
55) Styrene	9.61	104	200923	49.863	ug/L	100
56) Isopropylbenzene	9.98	105	320263	50.285	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	98092	48.260	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	75813	47.163	ug/L	100
61) Bromoform	9.78	173	58216	50.672	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	170022	48.565	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	174318	48.005	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	171818	48.538	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	20401	47.655	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	144221	49.051	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	125267	47.471	ug/L	100
69) Naphthalene	13.56	128	302548	44.718	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	126273	47.342	ug/L	99

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

