

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080919\
 Data File : VV012154.D
 Acq On : 09 Aug 2019 15:36
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00537

Quant Time: Aug 10 02:33:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 10 02:29:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	129860	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	121453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	68826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32488	5.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.60%
7) Chloroethane-d5	1.58	69	24580	6.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.20%
11) 1,1-Dichloroethene-d2	2.13	63	65037	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.40%
20) 2-Butanone-d5	3.95	46	84959	59.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.12%
24) Chloroform-d	4.40	84	92810	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.08	65	46325	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.09	84	179553	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
36) 1,2-Dichloropropane-d6	6.12	67	46085	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.80%
41) Toluene-d8	7.36	98	176005	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
43) trans-1,3-Dichloropropene-	7.66	79	22546	5.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.40%
46) 2-Hexanone-d5	8.13	63	73502	56.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36781	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	72351	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	66378	5.411	ug/L 99
3) Chloromethane	1.25	50	32087	5.890	ug/L 94
5) Vinyl chloride	1.32	62	36327	5.758	ug/L 100
6) Bromomethane	1.53	94	21755	5.894	ug/L 98
8) Chloroethane	1.60	64	19241	5.643	ug/L 96
9) Trichlorofluoromethane	1.77	101	69727	5.634	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	31850	5.677	ug/L 100
12) 1,1-Dichloroethene	2.14	96	30281	5.847	ug/L 98
13) Acetone	2.21	43	39085	46.571	ug/L 100
14) Carbon disulfide	2.32	76	80595	5.582	ug/L 98
15) Methyl Acetate	2.46	43	7816	4.334	ug/L 98
16) Methylene chloride	2.53	84	28506	5.191	ug/L 96
17) Methyl tert-butyl Ether	2.80	73	96022	5.299	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	43199	5.616	ug/L 98
19) 1,1-Dichloroethane	3.23	63	72417	5.753	ug/L 99
21) 2-Butanone	4.04	43	78030	53.800	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	47360	5.574	ug/L 83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	22223	5.491	ug/L	92
25) Chloroform	4.42	83	84898	5.286	ug/L	95
27) 1,2-Dichloroethane	5.18	62	51144	5.287	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	81320	5.392	ug/L	99
30) Cyclohexane	4.72	56	62270	5.817	ug/L	94
31) Carbon tetrachloride	4.87	117	76742	5.260	ug/L	100
33) Benzene	5.14	78	167944	5.677	ug/L	100
34) Trichloroethene	5.96	95	48983	5.553	ug/L	96
35) Methylcyclohexane	6.17	83	75642	5.530	ug/L	98
37) 1,2-Dichloropropane	6.22	63	37332	5.806	ug/L	100
38) Bromodichloromethane	6.55	83	58056	5.260	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	60586	5.196	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	194616	53.129	ug/L	98
42) Toluene	7.43	91	193382	5.603	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	49800	5.293	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	30030	5.443	ug/L	99
47) Tetrachloroethene	8.02	164	47381	5.552	ug/L	98
48) 2-Hexanone	8.18	43	140704	54.822	ug/L	98
49) Dibromochloromethane	8.29	129	42977	5.181	ug/L	99
50) 1,2-Dibromoethane	8.40	107	30099	5.435	ug/L	100
51) Chlorobenzene	8.92	112	128836	5.479	ug/L	99
52) Ethylbenzene	9.05	91	216508	5.530	ug/L	96
53) m,p-xylene	9.18	106	86336	5.640	ug/L	99
54) o-xylene	9.59	106	82659	5.574	ug/L	95
55) Styrene	9.60	104	137891	5.590	ug/L	98
56) Isopropylbenzene	9.97	105	224699	5.466	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	34146	5.598	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	24184	5.182	ug/L	98
61) Bromoform	9.78	173	26296	4.926	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	114150	5.394	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	112849	5.320	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	104772	5.333	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	6138	4.818	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	99129	5.455	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	81436	5.385	ug/L	98
69) Naphthalene	13.55	128	113714	4.650	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	74148	5.173	ug/L	97

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

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