

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012303.D
 Acq On : 20 Aug 2019 03:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Aug 20 04:50:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 20 02:35:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136836	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69589	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24967	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	1.58	69	21691	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.13	63	57386	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.96	46	104581	55.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.96%
24) Chloroform-d	4.40	84	89948	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	47232	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	160182	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	44833	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	149315	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.66	79	20674	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.13	63	89653	69.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.60%#
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38002	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	66828	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	73121	4.475	ug/L	97
3) Chloromethane	1.25	50	31187	3.649	ug/L	94
5) Vinyl chloride	1.32	62	37328	4.149	ug/L	99
6) Bromomethane	1.53	94	5504	1.187	ug/L	98
8) Chloroethane	1.60	64	20654	4.607	ug/L	98
9) Trichlorofluoromethane	1.77	101	72283	4.465	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	32449	4.643	ug/L	99
12) 1,1-Dichloroethene	2.14	96	30284	4.822	ug/L	98
13) Acetone	2.23	43	49303	50.000	ug/L #	63
14) Carbon disulfide	2.32	76	82363	4.724	ug/L	97
15) Methyl Acetate	2.47	43	9867	5.046	ug/L	97
16) Methylene chloride	2.53	84	29989	4.587	ug/L	95
17) Methyl tert-butyl Ether	2.81	73	114416	5.712	ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	45190	4.916	ug/L	100
19) 1,1-Dichloroethane	3.23	63	77980	4.946	ug/L	99
21) 2-Butanone	4.04	43	100185	53.547	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	50752	5.130	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	23640	5.232	ug/L	93
25) Chloroform	4.42	83	89595	4.542	ug/L	98
27) 1,2-Dichloroethane	5.18	62	57560	5.119	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	86767	5.082	ug/L	99
30) Cyclohexane	4.72	56	65634	5.135	ug/L	97
31) Carbon tetrachloride	4.87	117	80996	5.083	ug/L	99
33) Benzene	5.14	78	179766	5.092	ug/L	100
34) Trichloroethene	5.96	95	51464	4.971	ug/L	98
35) Methylcyclohexane	6.17	83	76021	4.905	ug/L	98
37) 1,2-Dichloropropane	6.22	63	40475	4.900	ug/L	99
38) Bromodichloromethane	6.55	83	64817	5.194	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	65757	5.015	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	254362	58.647	ug/L	97
42) Toluene	7.43	91	203627	5.211	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	53511	5.110	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	32879	5.188	ug/L	99
47) Tetrachloroethene	8.02	164	46691	4.887	ug/L	99
48) 2-Hexanone	8.19	43	184494	59.098	ug/L	99
49) Dibromochloromethane	8.29	129	47230	5.486	ug/L	99
50) 1,2-Dibromoethane	8.40	107	32977	5.509	ug/L #	97
51) Chlorobenzene	8.92	112	138325	5.188	ug/L	98
52) Ethylbenzene	9.05	91	232567	5.320	ug/L	100
53) m,p-xylene	9.18	106	90159	5.283	ug/L	95
54) o-xylene	9.59	106	88589	5.397	ug/L	100
55) Styrene	9.60	104	146690	5.291	ug/L	99
56) Isopropylbenzene	9.97	105	241911	5.339	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	37698	5.823	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	28245	5.516	ug/L	99
61) Bromoform	9.77	173	26742	5.563	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	117366	4.983	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	118541	5.060	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	111060	5.139	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7117	6.303	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	97982	5.071	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	84879	5.942	ug/L	98
69) Naphthalene	13.55	128	266829	13.732	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	79835	6.040	ug/L	98

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

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