

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013779.D
 Acq On : 26 Nov 2019 11:41
 Operator : SY/MD
 Sample : K5993-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GARE3

Quant Time: Nov 27 13:00:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 01:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	395659	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	384021	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	187914	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90334	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	85689	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	166894	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.96	46	216288	42.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.98%
24) Chloroform-d	4.40	84	198962	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	5.08	65	103408	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.09	84	412786	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.11	67	123355	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	7.36	98	338844	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	7.66	79	45114	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.14	63	185767	43.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	86669	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	152589	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	92540	3.999	ug/L	98
6) Bromomethane	1.53	94	53944	4.334	ug/L	98
9) Trichlorofluoromethane	1.77	101	292498	7.969	ug/L	98
12) 1,1-Dichloroethene	2.14	96	77156	4.056	ug/L	96
13) Acetone	2.22	43	317591	89.211	ug/L #	60
14) Carbon disulfide	2.31	76	357719	8.145	ug/L	99
16) Methylene chloride	2.53	84	61031	2.342	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	439266	8.437	ug/L	99
19) 1,1-Dichloroethane	3.23	63	398918	9.302	ug/L	99
21) 2-Butanone	4.03	43	687933	127.843	ug/L	99
27) 1,2-Dichloroethane	5.18	62	193863	7.451	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	343117	8.734	ug/L	99
30) Cyclohexane	4.72	56	451720	13.764	ug/L	98
34) Trichloroethene	5.96	95	135095	5.199	ug/L	97
35) Methylcyclohexane	6.17	83	261667	7.547	ug/L	96
37) 1,2-Dichloropropane	6.22	63	52248	2.158	ug/L	100
42) Toluene	7.43	91	876757	8.677	ug/L	100

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47) Tetrachloroethene	8.01	164	213389	9.457	ug/L	98
48) 2-Hexanone	8.18	43	615279	61.021	ug/L	97
50) 1,2-Dibromoethane	8.39	107	244928	15.676	ug/L	97
51) Chlorobenzene	8.92	112	762150	10.841	ug/L	99
52) Ethylbenzene	9.05	91	752275	6.854	ug/L	98
53) m,p-xylene	9.18	106	605225	14.464	ug/L	99
54) o-xylene	9.58	106	226191	5.537	ug/L	98
55) Styrene	9.60	104	395475	5.607	ug/L	99
56) Isopropylbenzene	9.97	105	376825	3.385	ug/L	100
61) Bromoform	9.77	173	67877	5.739	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	241932	4.354	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	643506	12.701	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	11934	4.053	ug/L	94
70) 1,2,3-Trichlorobenzene	13.79	180	359416	10.432	ug/L	97

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

