

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011520\
 Data File : VV014311.D
 Acq On : 15 Jan 2020 14:16
 Operator : SY/MD
 Sample : K6467-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 X2K71

Manual Integrations
 APPROVED

MMDadoda
 1/16/2020 10:51:44 AM

Quant Time: Jan 16 08:43:22 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR011520WMA.M

Quant Title : TRACE VOA SFAM1.0

QLast Update : Thu Jan 16 03:02:06 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	927031	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	849697	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	391682	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	290766	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	237348	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.13	63	378982	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	3.96	46	681865	48.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.60%
24) Chloroform-d	4.40	84	592810	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	275004	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.09	84	1202187	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.11	67	376460	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.35	98	1068456	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	152800	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.13	63	599233	49.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.30%
56) 1,1,2,2-Tetrachloroethane-	10.25	84	243644	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
66) 1,2-Dichlorobenzene-d4	11.67	152	338545	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	236718	3.238 ug/L	99
5) Vinyl chloride	1.33	62	235670	3.630 ug/L	99
8) Chloroethane	1.60	64	453347	13.384 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	455926	10.745 ug/L	100
12) 1,1-Dichloroethene	2.14	96	86749	2.181 ug/L #	64
13) Acetone	2.23	43	1276594m	136.030 ug/L	
15) Methyl Acetate	2.47	43	265457	12.727 ug/L	92
16) Methylene chloride	2.54	84	64522	0.797 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	158384	2.534 ug/L	96
19) 1,1-Dichloroethane	3.23	63	236287	2.024 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	261963	3.946 ug/L #	96
23) Bromochloromethane	4.30	128	124239	4.967 ug/L	93
25) Chloroform	4.42	83	897247	7.905 ug/L	100
27) 1,2-Dichloroethane	5.18	62	128658	1.991 ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	199405	2.018 ug/L	99
31) Carbon tetrachloride	4.87	117	247524	2.908 ug/L	98
34) Trichloroethene	5.96	95	147886	2.217 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
39) cis-1,3-Dichloropropene	7.06	75	491288	4.951	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	2302256	61.060	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	203634	2.674	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	81003	2.033	ug/L	97
47) Tetrachloroethene	8.01	164	139931	3.042	ug/L	98
50) 1,2-Dibromoethane	8.39	107	189639	5.106	ug/L	98
51) Chlorobenzene	8.92	112	978970	5.846	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	81056	1.655	ug/L	95
59) Bromoform	9.77	173	73424	3.055	ug/L	96
63) 1,2,4-Trimethylbenzene	10.95	105	1167892	4.782	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	377870	3.131	ug/L	96
65) 1,4-Dichlorobenzene	11.31	146	256087	2.092	ug/L	97
70) 1,2,4-trichlorobenzene	13.30	180	390489	5.234	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	208395	3.240	ug/L	97

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

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