

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122019\
 Data File : VV014148.D
 Acq On : 20 Dec 2019 11:57
 Operator : SY/MD
 Sample : K6286-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDZ0

Manual Integrations
 APPROVED

apatel
 12/23/2019 2:06:46 PM

Quant Time: Dec 23 08:37:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 23 08:15:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	478044	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	456436	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	199893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134751	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.58	69	119830	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	180216	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	299526	48.70	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	4.40	84	259204	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	127396	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.09	84	509715	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.11	67	162736	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.35	98	416988	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.66	79	53038	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.13	63	204284	40.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.10%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	104791	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	158403	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	11852m	0.415	ug/L	
9) Trichlorofluoromethane	1.77	101	12220	0.276	ug/L	97
13) Acetone	2.20	43	27963m	6.501	ug/L	
14) Carbon disulfide	2.32	76	6103	0.115	ug/L	100
18) trans-1,2-Dichloroethene	2.80	96	8410	0.324	ug/L	94
19) 1,1-Dichloroethane	3.23	63	20223	0.390	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	259613	8.530	ug/L #	91
25) Chloroform	4.42	83	12875	0.234	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	6645	0.142	ug/L	93
33) Benzene	5.15	78	13552	0.121	ug/L	100
34) Trichloroethene	5.96	95	669530	21.678	ug/L	99
42) Toluene	7.43	91	11536	0.096	ug/L	93
47) Tetrachloroethene	8.01	164	8816	0.329	ug/L	97

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

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