

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121919\
 Data File : VV014141.D
 Acq On : 19 Dec 2019 19:47
 Operator : SY/MD
 Sample : K6286-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFDY9

Manual Integrations
 APPROVED

apatel
 12/20/2019 10:49:39 AM

Quant Time: Dec 20 08:32:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 07:12:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	357310	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149514	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	89693	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	91813	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	117077	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.92	46	289084	62.88	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.76%
24) Chloroform-d	4.40	84	213241	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	109536	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	368467	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.11	67	129065	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	263350	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.60%#
43) trans-1,3-Dichloropropene-	7.66	79	38050	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.13	63	186888	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	96676	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	119796	4.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	6305m	0.295	ug/L	
9) Trichlorofluoromethane	1.77	101	6179	0.186	ug/L	86
13) Acetone	2.19	43	8618m	2.681	ug/L	
18) trans-1,2-Dichloroethene	2.79	96	9813	0.506	ug/L	95
19) 1,1-Dichloroethane	3.23	63	18345	0.474	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	250555	11.014	ug/L	96
25) Chloroform	4.42	83	10120	0.246	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	7128	0.200	ug/L	95
34) Trichloroethene	5.95	95	483018	20.511	ug/L	97
47) Tetrachloroethene	8.02	164	3350	0.164	ug/L	91

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

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