

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022942.D
 Acq On : 20 Oct 2021 19:17
 Operator : SY/MD
 Sample : M4137-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC9

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 11:29:19 AM

Quant Time: Oct 21 02:49:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	118871	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120714	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56498	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31162	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.568	69	28418	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.108	63	41031	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	3.892	46	104618	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.352	84	91291	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.037	65	42477	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.053	84	174550	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.072	67	56341	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.320	98	144902	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	7.628	79	15916	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.091	63	75665	53.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.36%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40386	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	58578	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%
Target Compounds						Qvalue
13) Acetone	2.178	43	19555	16.35	ug/L #	52
17) Methyl tert-butyl Ether	2.773	73	2762	0.16	ug/L #	92
22) cis-1,2-Dichloroethene	3.915	96	42407	5.17	ug/L	96
34) Trichloroethene	5.924	95	767m	0.09	ug/L	
42) Toluene	7.397	91	10933	0.33	ug/L	99
47) Tetrachloroethene	7.979	164	1464	0.20	ug/L	94
53) m,p-xylene	9.146	106	1076	0.08	ug/L	90
64) 1,3-Dichlorobenzene	11.191	146	1397	0.09	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	1743	0.11	ug/L	89
67) 1,2-Dichlorobenzene	11.641	146	1741	0.12	ug/L #	82

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

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