

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052715.D
 Acq On : 17 Jan 2023 12:36
 Operator : JC/MD
 Sample : 01138-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1X2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 18 01:17:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	79414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	73621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	29721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	18306	2.624	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.916	69	20782	3.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.565	65	8401	2.734	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	4.636	46	152548	81.775	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	163.560%#
24) Chloroform-d	5.060	84	64399	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.697	65	42173	6.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	126.200%
32) Benzene-d6	5.722	84	102850	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.687	67	41163	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.893	98	65301	3.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.000%#
43) trans-1,3-Dichloroprop...	8.176	79	14664	4.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.629	63	99983	81.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	162.780%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	43578	7.158	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	143.200%#
66) 1,2-Dichlorobenzene-d4	12.188	152	26846	4.962	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1491	0.144	ug/L	92
5) Vinyl chloride	1.604	62	7959	0.803	ug/L	96
8) Chloroethane	1.935	64	2247	0.373	ug/L	100
12) 1,1-Dichloroethene	2.578	96	78464	11.396	ug/L #	75
13) Acetone	2.645	43	6815m	5.094	ug/L	
16) Methylene chloride	3.044	84	7624	0.832	ug/L	83
17) Methyl tert-butyl Ether	3.362	73	8407	0.552	ug/L	97
19) 1,1-Dichloroethane	3.864	63	165085	11.322	ug/L	99
22) cis-1,2-Dichloroethene	4.661	96	4379	0.581	ug/L	92
25) Chloroform	5.079	83	7096	0.495	ug/L	85
27) 1,2-Dichloroethane	5.793	62	2874	0.331	ug/L	98
29) 1,1,1-Trichloroethane	5.311	97	10045	0.870	ug/L	95
33) Benzene	5.774	78	4571	0.157	ug/L	100
34) Trichloroethene	6.539	95	89939	13.048	ug/L	97
45) 1,1,2-Trichloroethane	8.394	97	1566	0.318	ug/L	89
47) Tetrachloroethene	8.552	164	947	0.186	ug/L	92

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