

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055168.D
 Acq On : 07 Sep 2023 02:59
 Operator : MD/SY
 Sample : 04306-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E5

Quant Time: Sep 07 03:33:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162431	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	92717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	29809	3.916	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.908	69	38502	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.560	65	19208	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.628	46	120869	54.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.420%
24) Chloroform-d	5.059	84	98302	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.698	65	50683	5.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.724	84	185574	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.689	67	62363	4.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.898	98	161009	4.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.181	79	13955	3.916	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.631	63	75867	52.438	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.880%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46515	5.111	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	66551	4.918	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	2476	0.258	ug/L #	78
5) Vinyl chloride	1.599	62	1987	0.196	ug/L #	77
18) trans-1,2-Dichloroethene	3.351	96	1626	0.213	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	52126	5.589	ug/L	94
34) Trichloroethene	6.541	95	143133	14.681	ug/L	97
47) Tetrachloroethene	8.550	164	33059	4.906	ug/L	94
51) Chlorobenzene	9.444	112	175221	7.074	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	72302	3.484	ug/L	94
65) 1,4-Dichlorobenzene	11.836	146	151976	7.347	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	79152	4.068	ug/L	97
70) 1,2,4-trichlorobenzene	13.840	180	4654364	316.459	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	1239689	97.110	ug/L	98

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

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