

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055111.D
 Acq On : 05 Sep 2023 22:36
 Operator : MD/SY
 Sample : 04230-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4B6

Quant Time: Sep 06 05:24:35 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	187024	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	189940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	98259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37759	4.308	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.907	69	43672	4.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.560	65	22353	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.627	46	136516	53.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.340%
24) Chloroform-d	5.058	84	113013	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.701	65	57776	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.724	84	214547	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.688	67	71479	4.793	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.897	98	192742	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.184	79	18359	4.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.634	63	83406	50.027	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51510	4.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	69018	4.812	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.380	85	2259	0.208	ug/L 97
5) Vinyl chloride	1.599	62	2084	0.179	ug/L # 61
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2049	0.207	ug/L # 71
12) 1,1-Dichloroethene	2.573	96	95732	11.072	ug/L 83
17) Methyl tert-butyl Ether	3.370	73	7217	0.318	ug/L 98
18) trans-1,2-Dichloroethene	3.357	96	3749	0.427	ug/L # 71
19) 1,1-Dichloroethane	3.865	63	38617	2.037	ug/L 97
22) cis-1,2-Dichloroethene	4.663	96	1261164	117.444	ug/L 96
25) Chloroform	5.084	83	54020	2.736	ug/L 94
27) 1,2-Dichloroethane	5.791	62	13790	1.144	ug/L # 92
29) 1,1,1-Trichloroethane	5.316	97	4683	0.285	ug/L 92
31) Carbon tetrachloride	5.518	117	4687	0.343	ug/L 97
34) Trichloroethene	6.541	95	810919	72.179	ug/L 98
42) Toluene	7.971	91	7519	0.174	ug/L 84
47) Tetrachloroethene	8.550	164	4335	0.558	ug/L 93

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

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