

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055304.D
 Acq On : 14 Sep 2023 12:53
 Operator : MD/SY
 Sample : 04380-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4N9

Manual Integrations
 APPROVED

Reviewed By :John

Carlone

09/15/2023

Supervised By :Mahesh

Dadoda

09/18/2023

Quant Time: Sep 15 03:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	206015	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	214841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	108865	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31127	3.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.911	69	40215	3.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.563	65	16313	2.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	4.640	46	140218	50.043	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.080%
24) Chloroform-d	5.062	84	106144	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.702	65	53317	4.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.727	84	190962	3.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
36) 1,2-Dichloropropane-d6	6.692	67	65138	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.200%
41) Toluene-d8	7.894	98	162828	3.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	8.181	79	14707	3.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.400%
46) 2-Hexanone-d5	8.634	63	86959	46.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53185	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	65767	4.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
3) Chloromethane	1.515	50	2217	0.182	ug/L	98
5) Vinyl chloride	1.602	62	495416	38.532	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	26307	2.418	ug/L	95
12) 1,1-Dichloroethene	2.576	96	1036074	108.781	ug/L #	66
17) Methyl tert-butyl Ether	3.367	73	15553	0.623	ug/L #	89
18) trans-1,2-Dichloroethene	3.351	96	116884	12.096	ug/L	88
19) 1,1-Dichloroethane	3.866	63	557843	26.712	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	20862517m	1763.699	ug/L	
25) Chloroform	5.084	83	65546	3.014	ug/L	96
27) 1,2-Dichloroethane	5.798	62	12435	0.937	ug/L #	95
30) Cyclohexane	5.390	56	7898	0.478	ug/L	98
33) Benzene	5.772	78	44969	0.983	ug/L	100
34) Trichloroethene	6.531	95	35082489m	2760.728	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	80541	9.606	ug/L	95
47) Tetrachloroethene	8.550	164	668929	76.163	ug/L	98
51) Chlorobenzene	9.444	112	360738	11.174	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	87872	3.606	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	157808	6.497	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	94934	4.155	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,4-trichlorobenzene	13.836	180	426432	24.693	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	107316	7.160	ug/L	98

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

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