

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055207.D
 Acq On : 08 Sep 2023 00:08
 Operator : MD/SY
 Sample : 04306-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Sep 08 06:37:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 06:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.251	114	204887	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	205125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	111958	5.000	ug/L	# 0.00

09/08/2023
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 adoda

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42241	4.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.907	69	39187	3.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.563	65	19211	3.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	5.065	84	111875	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.701	65	59367	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.730	84	212999	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.701	67	72550	4.505	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.898	98	191985	4.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.180	79	20866	4.705	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.000%
46) 2-Hexanone-d5	8.634	63	93391	51.869	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.740%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58865	5.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	72432	4.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%

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Target Compounds						Qvalue
3) Chloromethane	1.515	50	3439	0.284	ug/L	93
5) Vinyl chloride	1.599	62	1716960	134.275	ug/L	94
12) 1,1-Dichloroethene	2.576	96	252118	26.616	ug/L #	76
16) Methylene chloride	3.042	84	7176	0.496	ug/L	95
17) Methyl tert-butyl Ether	3.364	73	7833	0.315	ug/L #	82
18) trans-1,2-Dichloroethene	3.348	96	1020946	106.234	ug/L	97
22) cis-1,2-Dichloroethene	4.644	96	49040838m	4168.694	ug/L	
25) Chloroform	5.087	83	9928	0.459	ug/L	97
27) 1,2-Dichloroethane	5.798	62	17667	1.338	ug/L #	88
30) Cyclohexane	5.390	56	27210	1.725	ug/L	99
33) Benzene	5.775	78	97745	2.239	ug/L	100
34) Trichloroethene	6.534	95	43872775m	3615.987	ug/L	
35) Methylcyclohexane	6.769	83	84133	4.942	ug/L #	69
42) Toluene	7.971	91	25851	0.555	ug/L	86
45) 1,1,2-Trichloroethane	8.399	97	173835	21.715	ug/L	98
47) Tetrachloroethene	8.553	164	93376	11.135	ug/L	95
51) Chlorobenzene	9.444	112	1000553	32.460	ug/L	98
53) m,p-Xylene	9.695	106	3905	0.203	ug/L	90
54) o-Xylene	10.100	106	8030	0.424	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
60) Isopropylbenzene	10.483	105	39462	0.756	ug/L	#	84
63) 1,2,4-Trimethylbenzene	11.470	105	6783	0.158	ug/L		92
64) 1,3-Dichlorobenzene	11.743	146	2198284	87.711	ug/L		99
65) 1,4-Dichlorobenzene	11.836	146	3598492	144.062	ug/L		97
67) 1,2-Dichlorobenzene	12.209	146	1894178	80.611	ug/L		99
70) 1,2,4-trichlorobenzene	13.843	180	16386788m	922.690	ug/L		
72) 1,2,3-Trichlorobenzene	14.331	180	4159726	269.849	ug/L		99

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

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Abundance TIC: VU055207.D\data.ms

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