

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052515.D
 Acq On : 23 Dec 2022 00:49
 Operator : JC/MD
 Sample : N6170-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQB6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/28/2022
 Supervised By :Mahesh Dadoda 12/28/2022

Quant Time: Dec 23 06:43:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	198208	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	188480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101917	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.597	65	69066	3.439	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.912	69	67719	3.910	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.568	65	31688	3.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.652	46	339073	54.452	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	5.060	84	139439	4.116	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.700	65	82495	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
32) Benzene-d6	5.726	84	289871	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.687	67	99696	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.893	98	289189	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.176	79	49292	6.471	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	129.400%
46) 2-Hexanone-d5	8.632	63	264563	63.485	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	94064	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	104884	5.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%

Target Compounds

						Qvalue
5) Vinyl chloride	1.604	62	28324	1.227	ug/L	97
13) Acetone	2.697	43	42450m	9.247	ug/L	
18) trans-1,2-Dichloroethene	3.353	96	200446	13.102	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	1964148	116.986	ug/L	96
30) Cyclohexane	5.385	56	2104484	82.094	ug/L	91
33) Benzene	5.774	78	18970	0.279	ug/L	100
35) Methylcyclohexane	6.764	83	4984002	208.252	ug/L	97
42) Toluene	7.967	91	49116	0.755	ug/L	99
47) Tetrachloroethene	8.549	164	6907	0.623	ug/L	94
52) Ethylbenzene	9.568	91	542400	8.052	ug/L	99
53) m,p-Xylene	9.690	106	2673401	107.628	ug/L	97
54) o-Xylene	10.095	106	21448	0.901	ug/L	95
60) Isopropylbenzene	10.481	105	785804	11.896	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	2784188	51.105	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	10568666	192.704	ug/L	99

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

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