

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072224\
 Data File : VU060102.D
 Acq On : 22 Jul 2024 19:10
 Operator : MD/SY
 Sample : P3325-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B33

Quant Time: Jul 23 08:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 23 07:21:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	118284	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	124233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	32132	3.904	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.908	69	32513	4.253	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.560	65	12416	3.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	4.621	46	105551	54.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.720%
24) Chloroform-d	5.055	84	82000	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.695	65	37827	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	138901	4.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.685	67	48768	4.598	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.894	98	109782	3.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.177	79	15269	4.229	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.628	63	84716	52.877	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48271	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	50930	4.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.599	62	5057	0.418	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27186	2.728	ug/L	100
12) 1,1-Dichloroethene	2.573	96	143888	15.937	ug/L #	79
16) Methylene chloride	3.036	84	1178615	106.474	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	7190	0.349	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	3488	0.371	ug/L	91
19) 1,1-Dichloroethane	3.862	63	42457	2.381	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	483573	45.972	ug/L	99
25) Chloroform	5.078	83	141975	7.240	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	13282	0.856	ug/L	98
31) Carbon tetrachloride	5.518	117	22211	1.659	ug/L	94
33) Benzene	5.769	78	6185	0.151	ug/L	100
34) Trichloroethene	6.538	95	17632411	1619.946	ug/L	95
38) Bromodichloromethane	7.103	83	3258	0.235	ug/L #	89
42) Toluene	7.965	91	34228	0.784	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	3748	0.442	ug/L	94
47) Tetrachloroethene	8.547	164	412781	45.866	ug/L	99
52) Ethylbenzene	9.566	91	32588	0.748	ug/L	95
53) m,p-Xylene	9.689	106	84783	5.039	ug/L	97

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54) o-Xylene	10.097	106	64281	3.995	ug/L	100
62) 1,3,5-Trimethylbenzene	11.087	105	4606	0.155	ug/L	97
63) 1,2,4-Trimethylbenzene	11.467	105	10573	0.368	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	18055	0.901	ug/L	99

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

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