

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042324\
 Data File : VU058780.D
 Acq On : 23 Apr 2024 12:11
 Operator : MD/SY
 Sample : P2154-10DL 2X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 XA399DL

Quant Time: Apr 24 00:36:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 24 00:34:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	109697	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	103590	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	41148	4.769	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.904	69	23815	3.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.557	65	19255	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.618	46	76462	50.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.880%
24) Chloroform-d	5.052	84	84299	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.689	65	41735	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.717	84	164320	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.679	67	50951	5.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.888	98	140503	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.174	79	17612	4.919	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.627	63	52876	49.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	30385	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	42901	5.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.595	62	27404	2.872	ug/L	99
12) 1,1-Dichloroethene	2.570	96	75375	9.435	ug/L	83
16) Methylene chloride	3.033	84	72189	8.397	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	15125	1.890	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	26469	3.011	ug/L	100
27) 1,2-Dichloroethane	5.782	62	77737	7.378	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	154771	10.011	ug/L	99
31) Carbon tetrachloride	5.515	117	52672	3.854	ug/L	100
33) Benzene	5.762	78	276127	7.705	ug/L	100
34) Trichloroethene	6.531	95	59160	6.066	ug/L	97
37) 1,2-Dichloropropane	6.778	63	62786	6.706	ug/L	99
42) Toluene	7.962	91	124279	3.355	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	51294	9.522	ug/L	98
47) Tetrachloroethene	8.544	164	66175	9.669	ug/L	96
51) Chlorobenzene	9.438	112	149098	6.607	ug/L	97
52) Ethylbenzene	9.563	91	93752	2.295	ug/L	100
53) m,p-Xylene	9.685	106	249612	16.636	ug/L	97
54) o-Xylene	10.093	106	104511	7.347	ug/L	97
55) Styrene	10.106	104	86792	3.745	ug/L	98

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65) 1,4-Dichlorobenzene	11.830	146	22480	1.451	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	56548	4.115	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	21439	2.716	ug/L	99

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

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