

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030824\
 Data File : U058008.D
 Acq On : 08 Mar 2024 11:36
 Operator : MD/SY
 Sample : P1636-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCN00

Quant Time: Mar 09 00:11:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	146967	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	137748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66464	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	44947	4.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.908	69	40853	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	20187	4.412	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.612	46	92929	53.338	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.680%
24) Chloroform-d	5.052	84	93362	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.695	65	45048	4.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	189296	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.682	67	60303	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	163333	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.177	79	20119	4.794	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	78411	55.652	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.300%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	38558	5.152	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	55960	5.112	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
5) Vinyl chloride	1.599	62	130907	11.688	ug/L	98
12) 1,1-Dichloroethene	2.573	96	137094	15.460	ug/L	# 73
16) Methylene chloride	3.036	84	238349	22.115	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	164233	17.003	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	68011	6.401	ug/L	94
27) 1,2-Dichloroethane	5.785	62	35001	3.214	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	235373	14.356	ug/L	99
31) Carbon tetrachloride	5.515	117	176590	12.395	ug/L	99
33) Benzene	5.766	78	834452	19.741	ug/L	100
34) Trichloroethene	6.538	95	60317	5.423	ug/L	98
37) 1,2-Dichloropropane	6.782	63	173060	15.878	ug/L	99
42) Toluene	7.962	91	941927	21.398	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	28512	4.412	ug/L	96
47) Tetrachloroethene	8.547	164	121654	15.766	ug/L	96
51) Chlorobenzene	9.441	112	353696	12.813	ug/L	98
52) Ethylbenzene	9.563	91	932121	18.922	ug/L	99
53) m,p-Xylene	9.685	106	303667	17.254	ug/L	99
54) o-Xylene	10.094	106	116571	6.646	ug/L	100
55) Styrene	10.110	104	590675	21.455	ug/L	97

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65) 1,4-Dichlorobenzene	11.830	146	334199	16.970	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	313176	17.829	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	80341	7.388	ug/L	98

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

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