

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092024\
 Data File : VU060943.D
 Acq On : 20 Sep 2024 15:15
 Operator : MD/SY
 Sample : P3987-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q6

Quant Time: Sep 21 01:41:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:39:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	122225	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	125789	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51192	4.657	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	37251	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.560	65	17472	4.484	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.631	46	85845	48.642	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.280%
24) Chloroform-d	5.055	84	74998	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.695	65	39178	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.721	84	149172	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	50275	4.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.891	98	129455	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	8.177	79	17238	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	69007	46.589	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38200	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	41467	4.770	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
5) Vinyl chloride	1.602	62	117760	11.164	ug/L	95
8) Chloroethane	1.930	64	10866	1.686	ug/L	90
12) 1,1-Dichloroethene	2.576	96	265086	34.479	ug/L #	71
18) trans-1,2-Dichloroethene	3.351	96	16796	2.108	ug/L	92
19) 1,1-Dichloroethane	3.859	63	234100	14.636	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	225106	25.531	ug/L	99
27) 1,2-Dichloroethane	5.795	62	12954	1.340	ug/L	99
34) Trichloroethene	6.534	95	178885	19.729	ug/L	98

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

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