

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061324\
 Data File : VU059232.D
 Acq On : 13 Jun 2024 12:37
 Operator : MD/SY
 Sample : P2850-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAW1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2024
 Supervised By :Mahesh Dadoda 06/14/2024

Quant Time: Jun 14 06:55:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 14 06:53:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172787	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	176919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	80652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33498	3.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.907	69	37360	3.949	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.560	65	15034	3.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.653	46	218684	80.364	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	160.720%#
24) Chloroform-d	5.055	84	92959	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	49247	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.721	84	171051	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.685	67	63397	4.685	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	140245	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	8.174	79	19974	4.302	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.627	63	111958	50.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	57309	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57593	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
5) Vinyl chloride	1.599	62	33638	2.133	ug/L	99
12) 1,1-Dichloroethene	2.573	96	14994	1.393	ug/L #	68
13) Acetone	2.647	43	28340	15.068	ug/L	100
16) Methylene chloride	3.039	84	17873	1.224	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	114836	10.132	ug/L	98
19) 1,1-Dichloroethane	3.859	63	167794	7.082	ug/L	98
22) cis-1,2-Dichloroethene	4.640	96	29944043m	2294.744	ug/L	
25) Chloroform	5.084	83	6509	0.263	ug/L	91
34) Trichloroethene	6.534	95	908279	66.026	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	14888	1.951	ug/L #	91
42) Toluene	7.962	91	292060	5.385	ug/L	100
47) Tetrachloroethene	8.547	164	1524189	155.527	ug/L	98
52) Ethylbenzene	9.566	91	25309	0.432	ug/L	99
53) m,p-Xylene	9.688	106	33399	1.558	ug/L	98
54) o-Xylene	10.097	106	15955	0.761	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	4587	0.111	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	11860	0.291	ug/L	100

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

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