

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058163.D
 Acq On : 19 Mar 2024 20:18
 Operator : MD/SY
 Sample : P1796-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCFY9

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/20/2024
 Supervised By :Semsettin Yesilyurt 03/20/2024

Quant Time: Mar 20 05:23:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.264	114	131575	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.418	117	121296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	58226	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	207881	21.959	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	439.200%#	
7) Chloroethane-d5	1.920	69	36808	4.731	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.600%	
11) 1,1-Dichloroethene-d2	2.563	65	19877	4.852	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.000%	
20) 2-Butanone-d5	4.769	46	83343m	53.432	ug/L	0.15
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.860%	
24) Chloroform-d	5.087	84	79267	4.427	ug/L	0.04
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.724	65	39057	4.814	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.746	84	170249	4.816	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
36) 1,2-Dichloropropane-d6	6.701	67	54092	5.034	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.901	98	150124	4.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	8.184	79	15970	4.322	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.647	63	69358	55.903	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.800%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	20486	3.109	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	62.200%#	
66) 1,2-Dichlorobenzene-d4	12.190	152	47519	4.955	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
5) Vinyl chloride	1.595	62	15510035m	1546.859	ug/L	Qvalue
12) 1,1-Dichloroethene	2.576	96	361267	45.507	ug/L #	71
14) Carbon disulfide	2.785	76	15432	0.629	ug/L	97
18) trans-1,2-Dichloroethene	3.341	96	531499	61.464	ug/L	88
19) 1,1-Dichloroethane	3.872	63	22278	1.292	ug/L	97
22) cis-1,2-Dichloroethene	4.682	96	26996114m	2837.928	ug/L	
25) Chloroform	5.110	83	6603	0.375	ug/L	97
30) Cyclohexane	5.402	56	26525	1.820	ug/L	100
33) Benzene	5.788	78	789066	21.200	ug/L	100
34) Trichloroethene	6.553	95	38569	3.938	ug/L	97
35) Methylcyclohexane	6.769	83	134799	8.979	ug/L	95
42) Toluene	7.971	91	249293	6.431	ug/L	100
52) Ethylbenzene	9.569	91	355330	8.192	ug/L	100
53) m,p-Xylene	9.695	106	126602	8.169	ug/L	99
54) o-Xylene	10.100	106	95597	6.189	ug/L	98
60) Isopropylbenzene	10.483	105	240517	6.202	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	14403	0.446	ug/L	97
72) 1,2,3-Trichlorobenzene	14.325	180	3062	0.407	ug/L #	81

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

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