

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032224\
 Data File : VU058204.D
 Acq On : 22 Mar 2024 20:19
 Operator : MD/SY
 Sample : P1841-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK4

Quant Time: Mar 22 23:48:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 23:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88002	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29895	4.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.911	69	26686	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.563	65	12897	4.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.624	46	63965	48.415	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.840%
24) Chloroform-d	5.055	84	59213	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	28814	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.718	84	118077	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.682	67	36515	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.891	98	100794	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.174	79	11483	4.508	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.627	63	50183	48.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23900	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	34303	4.859	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2219	0.440	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	15223	2.893	ug/L	98
12) 1,1-Dichloroethene	2.576	96	45768	10.374	ug/L #	72
16) Methylene chloride	3.039	84	3544	0.567	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	2314	0.195	ug/L #	92
18) trans-1,2-Dichloroethene	3.351	96	1378	0.299	ug/L	92
19) 1,1-Dichloroethane	3.862	63	21380	2.064	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	296875	52.107	ug/L	98
25) Chloroform	5.078	83	30240	2.784	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	7255	0.845	ug/L	94
31) Carbon tetrachloride	5.515	117	7104	0.972	ug/L	98
34) Trichloroethene	6.534	95	3417737	601.426	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	988	0.257	ug/L	88
47) Tetrachloroethene	8.547	164	201774	53.011	ug/L	99
54) o-Xylene	10.097	106	1326	0.143	ug/L	80
60) Isopropylbenzene	10.483	105	2595	0.114	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	2618	0.267	ug/L	97

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

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