

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058294.D
 Acq On : 30 Mar 2024 01:18
 Operator : MD/SY
 Sample : P1929-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL4

Quant Time: Mar 30 01:35:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 30 01:09:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	67226	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	17841	3.140	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.908	69	18934	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.560	65	8159	3.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.634	46	59824	59.275	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.540%
24) Chloroform-d	5.052	84	44806	4.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.695	65	22721	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.718	84	85529	4.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.682	67	29200	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.891	98	69987	3.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.177	79	8244	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.631	63	42084	51.796	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	20614	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	24421	4.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	7779	1.935	ug/L	95
12) 1,1-Dichloroethene	2.573	96	14874	4.413	ug/L	90
16) Methylene chloride	3.039	84	1023	0.214	ug/L	90
19) 1,1-Dichloroethane	3.862	63	11789	1.490	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	86573	19.891	ug/L	99
25) Chloroform	5.078	83	16833	2.028	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	3503	0.518	ug/L	97
31) Carbon tetrachloride	5.518	117	8224	1.428	ug/L	95
34) Trichloroethene	6.534	95	935584	209.034	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	348	0.115	ug/L	93
47) Tetrachloroethene	8.547	164	86559	28.874	ug/L	94

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

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