

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032924\
 Data File : VU058295.D
 Acq On : 30 Mar 2024 01:41
 Operator : MD/SY
 Sample : P1929-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL5

Quant Time: Mar 30 03:27:57 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	53768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	50828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	22036	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18735	4.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.907	69	19782	5.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.560	65	8498	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.631	46	64879	80.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	160.740%#
24) Chloroform-d	5.052	84	48765	6.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.000%
26) 1,2-Dichloroethane-d4	5.695	65	25145	6.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.400%#
32) Benzene-d6	5.721	84	92109	5.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.600%
36) 1,2-Dichloropropane-d6	6.682	67	31115	6.395	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.800%
41) Toluene-d8	7.891	98	74722	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	8.174	79	8706	5.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.627	63	45013	71.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.600%#
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21837	6.889	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	137.800%#
66) 1,2-Dichlorobenzene-d4	12.187	152	26050	6.348	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.000%#
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	571	0.185	ug/L #	66
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	7727	2.403	ug/L	97
12) 1,1-Dichloroethene	2.576	96	14866	5.515	ug/L	84
16) Methylene chloride	3.039	84	1228	0.321	ug/L #	70
18) trans-1,2-Dichloroethene	3.354	96	588	0.209	ug/L	95
19) 1,1-Dichloroethane	3.859	63	12077	1.908	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	86818	24.940	ug/L	99
25) Chloroform	5.078	83	15683	2.363	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	3441	0.655	ug/L	98
31) Carbon tetrachloride	5.518	117	8660	1.936	ug/L	95
34) Trichloroethene	6.534	95	935493	268.977	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	411	0.175	ug/L	89
47) Tetrachloroethene	8.547	164	83798	35.972	ug/L	98

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

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