

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061807.D
 Acq On : 18 Nov 2024 12:47
 Operator : MD/SY
 Sample : P4847-02DL 2X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AT1DL

Quant Time: Nov 19 00:17:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 00:15:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165062	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156025	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71991	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57969	5.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.904	69	49722	5.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.200%
11) 1,1-Dichloroethene-d2	2.560	65	25223	5.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.618	46	118006	52.131	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.260%
24) Chloroform-d	5.052	84	118856	5.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.200%
26) 1,2-Dichloroethane-d4	5.692	65	59012	5.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	5.717	84	243069	5.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%
36) 1,2-Dichloropropane-d6	6.682	67	75187	5.906	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.200%
41) Toluene-d8	7.891	98	218871	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
43) trans-1,3-Dichloroprop...	8.174	79	24991	5.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.627	63	89477	48.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56898	5.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	75487	5.887	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.800%

Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	55835	4.546	ug/L	97
12) 1,1-Dichloroethene	2.573	96	65413	6.565	ug/L	92
16) Methylene chloride	3.036	84	124678	10.857	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	82407	7.540	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	35332	2.866	ug/L	98
27) 1,2-Dichloroethane	5.788	62	18375	1.394	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	110764	6.239	ug/L	99
31) Carbon tetrachloride	5.515	117	79233	5.239	ug/L	99
33) Benzene	5.762	78	425187	9.004	ug/L	100
34) Trichloroethene	6.534	95	29807	2.338	ug/L	94
37) 1,2-Dichloropropane	6.782	63	87008	7.263	ug/L	99
42) Toluene	7.962	91	483937	9.518	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	17384	1.991	ug/L	99
47) Tetrachloroethene	8.547	164	63422	6.619	ug/L	98
51) Chlorobenzene	9.441	112	195406	5.971	ug/L	99
52) Ethylbenzene	9.563	91	447265	8.258	ug/L	100
53) m,p-Xylene	9.685	106	153727	7.418	ug/L	100
54) o-Xylene	10.093	106	59340	2.946	ug/L	99
55) Styrene	10.106	104	296675	9.251	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,4-Dichlorobenzene	11.830	146	173244	7.452	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	173781	8.161	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	43396	3.503	ug/L	97

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

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