

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061805.D
 Acq On : 18 Nov 2024 11:55
 Operator : MD/SY
 Sample : P4847-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AT1

Quant Time: Nov 19 00:17:00 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	183581	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	170740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82828	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	61249	5.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.907	69	51361	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	2.560	65	26462	4.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.618	46	124275	49.362	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.720%
24) Chloroform-d	5.052	84	120562	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.692	65	58954	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.718	84	247406	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.682	67	75752	5.437	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.800%
41) Toluene-d8	7.891	98	223427	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	25514	4.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.627	63	93955	46.334	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57953	5.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	79706	5.403	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%

Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	123421	9.035	ug/L	98
12) 1,1-Dichloroethene	2.573	96	143003	12.904	ug/L #	81
16) Methylene chloride	3.036	84	267310	20.930	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	178425	14.678	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	77860	5.680	ug/L	98
27) 1,2-Dichloroethane	5.785	62	41190	2.810	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	246026	12.663	ug/L	100
31) Carbon tetrachloride	5.515	117	178421	10.782	ug/L	99
33) Benzene	5.763	78	926912	17.937	ug/L	100
34) Trichloroethene	6.534	95	66696	4.780	ug/L	99
37) 1,2-Dichloropropane	6.782	63	185594	14.157	ug/L	99
42) Toluene	7.962	91	1084974	19.501	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	37957	3.972	ug/L	96
47) Tetrachloroethene	8.544	164	144281	13.761	ug/L	99
51) Chlorobenzene	9.438	112	428488	11.965	ug/L	99
52) Ethylbenzene	9.563	91	1043061	17.599	ug/L	100
53) m,p-Xylene	9.682	106	356142	15.705	ug/L	99
54) o-Xylene	10.094	106	138760	6.295	ug/L	97
55) Styrene	10.106	104	702706	20.024	ug/L	96

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	Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
65)	1,4-Dichlorobenzene	11.827	146	403024	15.067 ug/L	99
67)	1,2-Dichlorobenzene	12.203	146	396060	16.166 ug/L	99
70)	1,2,4-trichlorobenzene	13.833	180	100005	7.016 ug/L	99

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

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