

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061835.D
 Acq On : 19 Nov 2024 01:23
 Operator : MD/SY
 Sample : P4885-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q2

Quant Time: Nov 19 03:41:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160475	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	225439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	35073	3.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.600%
7) Chloroethane-d5	1.907	69	33924	3.832	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.560	65	16793	3.610	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.611	46	103324	46.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.900%
24) Chloroform-d	5.052	84	92795	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.692	65	47652	4.818	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.717	84	181443	2.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.200%#
36) 1,2-Dichloropropane-d6	6.682	67	59108	3.213	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.200%
41) Toluene-d8	7.891	98	209746	3.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	8.174	79	22874	3.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.624	63	110167	41.147	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57866	3.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	58221	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	7136	0.407	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	47213	4.550	ug/L	99
12) 1,1-Dichloroethene	2.573	96	6021	0.622	ug/L #	1
16) Methylene chloride	3.036	84	66365	5.944	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	10945	0.461	ug/L	97
19) 1,1-Dichloroethane	3.859	63	21502	1.110	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	5690	0.475	ug/L	91
25) Chloroform	5.081	83	10341	0.506	ug/L	92
27) 1,2-Dichloroethane	5.795	62	9657	0.754	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	325793	12.700	ug/L	100
34) Trichloroethene	6.534	95	65010	3.529	ug/L	97
42) Toluene	7.962	91	309275	4.210	ug/L	100
47) Tetrachloroethene	8.544	164	862879	62.330	ug/L	97
51) Chlorobenzene	9.438	112	173581	3.671	ug/L	98
52) Ethylbenzene	9.563	91	204443	2.613	ug/L	100
53) m,p-Xylene	9.682	106	160092	5.347	ug/L	97
54) o-Xylene	10.093	106	28015	0.963	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	7707	0.502	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	11233	0.509	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 1,2-Dichlorobenzene	12.206	146	99315	4.916	ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	5334	0.454	ug/L	94

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

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