Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
Data File : VU061838.D
Acq On : 19 Nov 2024 02:37
Operator : MD/SY
Sample : P4885-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG3Q5

Quant Time: Nov 19 03:43:26 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	162310	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	198660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	98772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34960	3.334	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 66.600%			
7) Chloroethane-d5	1.907	69	33886	3.785	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.600%			
11) 1,1-Dichloroethene-d2	2.560	65	16465	3.499	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.000%			
20) 2-Butanone-d5	4.611	46	109789	49.323	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.640%			
24) Chloroform-d	5.052	84	93048	4.464	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.692	65	48802	4.879	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.600%			
32) Benzene-d6	5.718	84	184113	3.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 67.000%#			
36) 1,2-Dichloropropane-d6	6.682	67	58867	3.632	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 72.600%			
41) Toluene-d8	7.891	98	162294	3.168	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.400%#			
43) trans-1,3-Dichloroprop...	8.174	79	22425	3.756	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.200%			
46) 2-Hexanone-d5	8.624	63	110245	46.726	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 93.460%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	69921	5.472	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	87700	4.985	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.800%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	13775	1.312	ug/L	96
16) Methylene chloride	3.036	84	44140	3.909	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	4777	0.199	ug/L #	92
27) 1,2-Dichloroethane	5.795	62	5964	0.460	ug/L #	74
29) 1,1,1-Trichloroethane	5.306	97	98874	4.374	ug/L	99
34) Trichloroethene	6.534	95	30698	1.891	ug/L	92
42) Toluene	7.962	91	78669	1.215	ug/L	98
47) Tetrachloroethene	8.544	164	272138	22.308	ug/L	97
51) Chlorobenzene	9.441	112	50012	1.200	ug/L	98
52) Ethylbenzene	9.563	91	50722	0.736	ug/L	98
53) m,p-Xylene	9.685	106	38164	1.446	ug/L	97
54) o-Xylene	10.094	106	8848	0.345	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.772	83	4516	0.334	ug/L #	95
67) 1,2-Dichlorobenzene	12.203	146	46490	1.591	ug/L	98

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

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