Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012825\
Data File : BM049505.D
Acq On : 29 Jan 2025 15:39
Operator : RC/JU
Sample : Q1184-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 07:51:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
E2965

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/30/2025
Supervised By :mohammad ahmed 02/05/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	269649	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	4299094m	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.192	164	714432	20.000	ng/ul	0.04
64) Phenanthrene-d10	16.915	188	1371784	20.000	ng/ul	0.01
79) Chrysene-d12	21.139	240	1364155	20.000	ng/ul	0.00
88) Perylene-d12	23.927	264	1449123	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	32267	4.434	ng/uL	0.00
4) Pyridine-d5	3.534	84	132329	6.189	ng/ul	0.02
7) Phenol-d5	6.863	99	689657m	31.518	ng/ul	0.15
9) Bis-(2-Chloroethyl)eth...	6.863	67	746530	49.893	ng/ul	0.00
11) 2-Chlorophenol-d4	7.069	132	599606	35.412	ng/ul	0.02
15) 4-Methylphenol-d8	8.345	113	461273m	28.773	ng/ul	0.12
21) Nitrobenzene-d5	8.692	128	316070	9.610	ng/ul	0.04
24) 2-Nitrophenol-d4	9.392	143	351557	9.800	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.975	165	549721	7.509	ng/ul	0.07
31) 4-Chloroaniline-d4	10.569	131	285597	3.041	ng/ul	0.15
46) Dimethylphthalate-d6	13.651	166	1520116	29.019	ng/ul	0.08
49) Acenaphthylene-d8	13.892	160	2269270	36.870	ng/ul	0.05
54) 4-Nitrophenol-d4	14.439	143	118497	13.790	ng/ul	0.06
60) Fluorene-d10	15.174	176	1750848	38.007	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.304	200	348940	40.366	ng/ul	0.02
73) Anthracene-d10	17.009	188	2741513	40.020	ng/ul	0.00
81) Pyrene-d10	19.315	212	3157407	39.593	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.738	264	3166499	40.969	ng/ul	0.01
Target Compounds						Qvalue
8) Phenol	6.834	94	29458579m	1282.635	ng/ul	
13) 2-Methylphenol	8.110	108	316365m	19.657	ng/ul	
18) 4-Methylphenol	8.404	108	8941327m	514.727	ng/ul	
26) 2,4-Dimethylphenol	9.592	107	26612153m	363.043	ng/ul	
30) Naphthalene	10.345	128	1566918	6.846	ng/ul	100
36) 2-Methylnaphthalene	11.992	142	178968	1.146	ng/ul	98
37) 1-Methylnaphthalene	12.216	142	181558	1.180	ng/ul#	97
42) 2,4,5-Trichlorophenol	12.716	196	111850	6.852	ng/ul	94
43) 1,1'-Biphenyl	13.010	154	86987	1.605	ng/ul#	93
52) Acenaphthene	14.263	153	164389	3.641	ng/ul#	77
56) Dibenzofuran	14.586	168	107281	1.667	ng/ul#	82
59) Diethylphthalate	15.033	149	243130	4.922	ng/ul#	72
62) 4-Chlorophenyl-phenyle...	15.210	204	94140m	3.337	ng/ul	
72) Phenanthrene	16.957	178	127414	1.650	ng/ul#	84
77) Carbazole	17.327	167	659524	9.487	ng/ul#	86

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

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