Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049383.D
Acq On : 22 Jan 2025 14:54
Operator : RC/JU
Sample : Q1139-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZH0

Quant Time: Jan 22 22:31:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	247500	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	899448	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	563670	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1141001	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1114922	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1088172	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	18029	3.014	ng/uL	0.00
4) Pyridine-d5	3.510	84	272041	14.286	ng/ul	0.00
7) Phenol-d5	6.710	99	298215	14.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	224136	16.201	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	239082	15.043	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	221042	13.720	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	105450	15.374	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	117221	15.288	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	225297	14.399	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	251427	12.212	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	697169	16.618	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	746797	15.593	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	52987	7.627	ng/ul	0.00
60) Fluorene-d10	15.157	176	603319	16.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	60967	8.384	ng/ul	0.00
73) Anthracene-d10	17.010	188	976267	17.308	ng/ul	0.00
81) Pyrene-d10	19.315	212	1131299	16.673	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	927537	15.878	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	1548621	32.443	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	135061	3.954	ng/ul	100
37) 1-Methylnaphthalene	12.175	142	277939	8.178	ng/ul	97
52) Acenaphthene	14.221	153	1417906	40.418	ng/ul	100
61) Fluorene	15.216	166	1722810	42.327	ng/ul	100
72) Phenanthrene	16.957	178	7093583	111.828	ng/ul	100
74) Anthracene	17.045	178	1562822	24.546	ng/ul	100
80) Fluoranthene	18.980	202	3735305	47.908	ng/ul	98
82) Pyrene	19.345	202	2344062	28.243	ng/ul	98
85) Benzo(a)anthracene	21.121	228	425141	5.472	ng/ul	99
87) Chrysene	21.180	228	378758	5.340	ng/ul	99
90) Benzo(b)fluoranthene	23.044	252	157285	2.159	ng/ul	97
93) Benzo(a)pyrene	23.780	252	90498	1.376	ng/ul	97

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

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