Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049422.D
Acq On : 23 Jan 2025 16:49
Operator : RC/JU
Sample : Q1139-19DL 5X
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Jan 23 23:24:24 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

Instrument :
BNA_M
ClientSampleId :
DCZJ6DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	193999	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	680317	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	415845	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	819060	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	886533	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	931524	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	3503	0.747	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.710	99	43389	2.664	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	35443	3.268	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	38154	3.063	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	31995	2.534	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	15688m	3.024	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	12989	2.240	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	32326	2.732	ng/ul	0.00
31) 4-Chloroaniline-d4	10.433	131	12420m	0.798	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	103224	3.335	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	112681	3.189	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	84599	3.164	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	4262	0.816	ng/ul	0.00
73) Anthracene-d10	17.004	188	125259	3.094	ng/ul	-0.01
81) Pyrene-d10	19.309	212	119074	2.207	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.721	264	68266	1.365	ng/ul	-0.02
Target Compounds						Qvalue
30) Naphthalene	10.328	128	46840	1.297	ng/ul	98
50) Acenaphthylene	13.874	152	118630	3.275	ng/ul	99
72) Phenanthrene	16.951	178	211471	4.644	ng/ul	100
74) Anthracene	17.039	178	508024	11.115	ng/ul	99
80) Fluoranthene	18.974	202	1881362	30.346	ng/ul	99
82) Pyrene	19.339	202	1321637	20.027	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1018563	16.487	ng/ul	97
87) Chrysene	21.180	228	1898942	33.668	ng/ul	99
90) Benzo(b)fluoranthene	23.050	252	2428009	38.942	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	766413	12.328	ng/ul	98
93) Benzo(a)pyrene	23.786	252	287745	5.109	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.991	276	294519	4.559	ng/ul	98
95) Dibenzo(a,h)anthracene	27.038	278	133807	2.543	ng/ul	96

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

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