Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049401.D
Acq On : 23 Jan 2025 03:13
Operator : RC/JU
Sample : Q1139-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 23 03:55:44 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 :
DCZH9

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	385863	20.000	ng/ul	0.00
20) Naphthalene-d8	10.281	136	1381037	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	826967	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.933	188	1244600m	20.000	ng/ul	0.02
79) Chrysene-d12	21.174	240	1186049	20.000	ng/ul	0.03
88) Perylene-d12	23.938	264	1418857	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	35834	3.842	ng/uL	0.00
4) Pyridine-d5	3.522	84	36461	1.228	ng/ul	0.01
7) Phenol-d5	6.710	99	676787	20.894	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	449505	20.841	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	547226	22.085	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	525938	20.939	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	254056	24.124	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	277378	23.560	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	536701	22.341	ng/ul	0.00
31) 4-Chloroaniline-d4	10.428	131	381025m	12.053	ng/ul	0.00
46) Dimethylphthalate-d6	13.586	166	1410864	22.922	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1518873	21.616	ng/ul	0.00
54) 4-Nitrophenol-d4	14.392	143	170962	16.773	ng/ul	0.00
60) Fluorene-d10	15.163	176	1049151	19.731	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.345	200	25884m	3.263	ng/ul	0.05
73) Anthracene-d10	17.057	188	1358100	22.074	ng/ul	0.04
81) Pyrene-d10	19.351	212	1080734	14.972	ng/ul	0.03
92) Benzo(a)pyrene-d12	23.744	264	742743	9.752	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.328	128	1193592	16.285	ng/ul	99
37) 1-Methylnaphthalene	12.175	142	2804039	53.734	ng/ul	100
50) Acenaphthylene	13.880	152	1194029	16.576	ng/ul#	95
52) Acenaphthene	14.251	153	22162656	430.614	ng/ul	96
61) Fluorene	15.233	166	22422596m	375.494	ng/ul	
71) Pentachlorophenol	16.615	266	36261	3.325	ng/ul	99
72) Phenanthrene	16.962	178	48536109m	701.468	ng/ul	
74) Anthracene	17.080	178	16374381m	235.770	ng/ul	
80) Fluoranthene	18.992	202	53877619m	649.578	ng/ul	
82) Pyrene	19.368	202	39718131m	449.859	ng/ul	
85) Benzo(a)anthracene	21.139	228	24406650m	295.285	ng/ul	
87) Chrysene	21.203	228	25734875m	341.052	ng/ul	
90) Benzo(b)fluoranthene	23.097	252	24458000	257.538	ng/ul	97
91) Benzo(k)fluoranthene	23.144	252	8222943m	86.841	ng/ul	
93) Benzo(a)pyrene	23.815	252	4782148	55.748	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.026	276	2728991	27.733	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	1147748	14.321	ng/ul	98
96) Benzo(g,h,i)perylene	27.974	276	268975m	3.662	ng/ul	

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

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