Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122324\
Data File : BG063785.D
Acq On : 23 Dec 2024 15:44
Operator : RC/JU
Sample : P5265-18MEDL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 00:00:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E2903MEDL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	98495	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.588	136	414258	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.437	164	324552	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.192	188	840227	20.000	ng/ul	-0.01
79) Chrysene-d12	21.440	240	911812	20.000	ng/ul	-0.02
88) Perylene-d12	24.448	264	932000	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1692	0.673	ng/uL	-0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.986	99	28501	3.142	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.127	67	18630	2.974	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.333	132	18017	3.068	ng/ul	-0.01
15) 4-Methylphenol-d8	8.526	113	15319	2.175	ng/ul	0.00
21) Nitrobenzene-d5	8.961	128	9168	3.100	ng/ul	0.00
24) 2-Nitrophenol-d4	9.677	143	9768	2.946	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.236	165	21545m	3.356	ng/ul	0.00
31) 4-Chloroaniline-d4	10.735	131	13778m	1.690	ng/ul	0.00
46) Dimethylphthalate-d6	13.843	166	85973	3.893	ng/ul	-0.01
49) Acenaphthylene-d8	14.131	160	99111	3.937	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.689	143	6794m	2.171	ng/ul	0.01
60) Fluorene-d10	15.435	176	79929	4.094	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.576	200	7928m	1.817	ng/ul	0.00
73) Anthracene-d10	17.286	188	162308	4.493	ng/ul	-0.02
81) Pyrene-d10	19.583	212	163610	3.448	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.243	264	105189	2.403	ng/ul	-0.03
Target Compounds						Qvalue
16) Acetophenone	8.620	105	17287	1.447	ng/ul	88
30) Naphthalene	10.635	128	27357	1.321	ng/ul	97
52) Acenaphthene	14.501	153	42695	2.232	ng/ul	96
56) Dibenzofuran	14.842	168	77784	2.884	ng/ul	92
61) Fluorene	15.494	166	47165	2.190	ng/ul	97
72) Phenanthrene	17.233	178	1215795	30.027	ng/ul	98
74) Anthracene	17.321	178	65445	1.597	ng/ul	95
77) Carbazole	17.598	167	91093	2.746	ng/ul	97
80) Fluoranthene	19.254	202	1346304	24.964	ng/ul	97
82) Pyrene	19.619	202	794199	13.842	ng/ul	96
85) Benzo(a)anthracene	21.417	228	315313	5.518	ng/ul	97
87) Chrysene	21.481	228	401630	7.374	ng/ul	96
90) Benzo(b)fluoranthene	23.502	252	477304	9.011	ng/ul	98
91) Benzo(k)fluoranthene	23.555	252	153699m	2.909	ng/ul	
93) Benzo(a)pyrene	24.301	252	120042	2.414	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	27.844	276	146419m	2.411	ng/ul	

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

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