Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121824\
Data File : BG063744.D
Acq On : 19 Dec 2024 2:55
Operator : RC/JU
Sample : P5226-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 19 03:40:07 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 :
E2AP5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	136939	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.591	136	560054	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.445	164	442032	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.195	188	1157728	20.000	ng/ul	-0.01
79) Chrysene-d12	21.437	240	1163164	20.000	ng/ul	-0.02
88) Perylene-d12	24.451	264	1209565	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	12752	3.649	ng/uL	-0.01
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.989	99	228342	18.105	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.136	67	153864	17.664	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.336	132	153643	18.817	ng/ul	-0.01
15) 4-Methylphenol-d8	8.517	113	124256	12.690	ng/ul	-0.01
21) Nitrobenzene-d5	8.958	128	81788	20.453	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.680	143	99877	22.282	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.227	165	176475	20.335	ng/ul	0.00
31) 4-Chloroaniline-d4	10.732	131	144942	13.153	ng/ul	-0.01
46) Dimethylphthalate-d6	13.846	166	670252	22.284	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	759777	22.159	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.674	143	76663m	17.989	ng/ul	0.00
60) Fluorene-d10	15.438	176	633233	23.811	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	69080	11.492	ng/ul	0.00
73) Anthracene-d10	17.289	188	1131510	22.733	ng/ul	-0.02
81) Pyrene-d10	19.592	212	1236522	20.429	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.246	264	853712	15.030	ng/ul	-0.03
Target Compounds						Qvalue
8) Phenol	7.013	94	22079m	1.643	ng/ul	
16) Acetophenone	8.623	105	83494	5.027	ng/ul#	91
50) Acenaphthylene	14.163	152	43527m	1.184	ng/ul	
80) Fluoranthene	19.251	202	126252	1.835	ng/ul#	95
82) Pyrene	19.616	202	121654	1.662	ng/ul#	91
85) Benzo(a)anthracene	21.419	228	154920	2.125	ng/ul	94
87) Chrysene	21.484	228	147987	2.130	ng/ul	97
90) Benzo(b)fluoranthene	23.499	252	399080	5.805	ng/ul	98
91) Benzo(k)fluoranthene	23.558	252	167462m	2.442	ng/ul	
93) Benzo(a)pyrene	24.310	252	173095	2.683	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.847	276	182046	2.310	ng/ul#	93

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

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