Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061767.D
Acq On : 28 Jun 2024 11:28
Operator : MA/JU
Sample : P2934-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jun 28 12:35:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
A4B58

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	77019	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	375106	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	241902	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	546092	20.000	ng/ul	0.00
79) Chrysene-d12	21.690	240	432925	20.000	ng/ul	0.00
88) Perylene-d12	24.904	264	488449	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	9217	4.323	ng/uL	0.00
4) Pyridine-d5	3.876	84	18104	2.809	ng/ul	0.00
7) Phenol-d5	7.196	99	175754	21.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	109778	21.062	ng/ul	0.00
11) 2-Chlorophenol-d4	7.583	132	118160	20.594	ng/ul	0.00
15) 4-Methylphenol-d8	8.747	113	84976	13.147	ng/ul	0.00
21) Nitrobenzene-d5	9.211	128	60738	23.847	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.939	143	70157	27.197	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.474	165	133735	21.895	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	69165	7.479	ng/ul	0.00
46) Dimethylphthalate-d6	14.087	166	440272	23.651	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	494634	24.246	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	59354	18.565	ng/ul	0.00
60) Fluorene-d10	15.674	176	402393	24.692	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.780	200	49240	21.087	ng/ul	0.00
73) Anthracene-d10	17.525	188	622288	24.964	ng/ul	0.00
81) Pyrene-d10	19.804	212	609318	25.197	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	425987	18.260	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.876	105	38991	3.663	ng/ul	89
52) Acenaphthene	14.746	153	18486	1.172	ng/ul#	82
61) Fluorene	15.727	166	20229	1.108	ng/ul#	91
72) Phenanthrene	17.472	178	350476	12.199	ng/ul	97
74) Anthracene	17.560	178	67755	2.306	ng/ul	98
77) Carbazole	17.824	167	28495	1.142	ng/ul	95
78) Di-n-butylphthalate	18.388	149	39920	1.338	ng/ul#	90
80) Fluoranthene	19.475	202	518914	18.494	ng/ul	99
82) Pyrene	19.834	202	395833	13.268	ng/ul	98
85) Benzo(a)anthracene	21.667	228	227858	7.498	ng/ul	97
87) Chrysene	21.731	228	220537	7.670	ng/ul	99
90) Benzo(b)fluoranthene	23.888	252	279092	9.505	ng/ul	97
91) Benzo(k)fluoranthene	23.935	252	113434m	3.756	ng/ul	
93) Benzo(a)pyrene	24.751	252	122703	4.341	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	28.559	276	106591m	3.026	ng/ul	
95) Dibenzo(a,h)anthracene	28.629	278	37935m	1.295	ng/ul	

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

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