Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100724\
Data File : BN034438.D
Acq On : 07 Oct 2024 14:59
Operator : RC/JU
Sample : P4109-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 07 15:41:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4EH7

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/08/2024
Supervised By :mohammad ahmed 10/09/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	145580	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	568231	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	363878	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	783400	20.000	ng/ul	-0.01
79) Chrysene-d12	21.027	240	798775	20.000	ng/ul	0.00
88) Perylene-d12	23.733	264	844881	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	7059	1.979	ng/uL	0.00
4) Pyridine-d5	3.411	84	7812m	0.737	ng/ul	0.02
7) Phenol-d5	6.581	99	128978	9.983	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	80179	10.002	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	117960	11.599	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	93979	8.840	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	53026	11.708	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	57253	12.293	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	106222	12.110	ng/ul	0.00
31) 4-Chloroaniline-d4	10.287	131	77533	5.839	ng/ul	0.00
46) Dimethylphthalate-d6	13.457	166	341286	12.550	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	380994	12.454	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.269	143	32589	5.839	ng/ul	0.00
60) Fluorene-d10	15.034	176	305337	13.249	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	32434	6.944	ng/ul	0.00
73) Anthracene-d10	16.887	188	486118	13.199	ng/ul	-0.01
81) Pyrene-d10	19.198	212	497005	11.167	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	346075	7.974	ng/ul	-0.01
Target Compounds						Qvalue
16) Acetophenone	8.193	105	40380	2.398	ng/ul#	91
30) Naphthalene	10.181	128	38696	1.245	ng/ul	99
52) Acenaphthene	14.093	153	27567	1.153	ng/ul	97
61) Fluorene	15.087	166	32814	1.227	ng/ul	93
72) Phenanthrene	16.828	178	550512	12.744	ng/ul	99
74) Anthracene	16.922	178	103824	2.354	ng/ul	98
77) Carbazole	17.198	167	53955	1.329	ng/ul	99
80) Fluoranthene	18.863	202	898229	17.264	ng/ul	99
82) Pyrene	19.228	202	594516	10.629	ng/ul	96
83) Butylbenzylphthalate	20.169	149	51590	2.057	ng/ul	100
85) Benzo(a)anthracene	21.010	228	422080	7.411	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	20.975	149	365251	9.948	ng/ul#	97
87) Chrysene	21.063	228	432792	7.964	ng/ul	94
90) Benzo(b)fluoranthene	22.892	252	541818	10.518	ng/ul	97
91) Benzo(k)fluoranthene	22.945	252	192880m	3.796	ng/ul	
93) Benzo(a)pyrene	23.610	252	162980	3.349	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.715	276	151599	2.514	ng/ul	97
95) Dibenzo(a,h)anthracene	26.762	278	57939	1.189	ng/ul#	85

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

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