Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022835.D
Acq On : 04 Nov 2024 20:22
Operator : RC/JU
Sample : P4581-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 21:48:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4ED0

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	89870	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.381	136	341778	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.245	164	275472	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.045	188	666057	20.000	ng/ul	-0.02
79) Chrysene-d12	21.486	240	745669	20.000	ng/ul	-0.01
88) Perylene-d12	24.739	264	848379	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	2150	0.930	ng/uL	0.00
4) Pyridine-d5	3.611	84	6559m	1.033	ng/ul	0.02
7) Phenol-d5	6.834	99	40187	5.312	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	27883	6.271	ng/ul	0.00
11) 2-Chlorophenol-d4	7.175	132	33516	6.244	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	19196	3.180	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	16840	6.408	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	20187	6.635	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.034	165	37411	5.785	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	23449m	3.069	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	158677	7.250	ng/ul	0.00
49) Acenaphthylene-d8	13.934	160	151138	6.502	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.522	143	14600m	3.976	ng/ul	0.01
60) Fluorene-d10	15.251	176	137166	7.225	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	15297	3.492	ng/ul	0.01
73) Anthracene-d10	17.157	188	217848	6.953	ng/ul	-0.01
81) Pyrene-d10	19.527	212	213337	5.410	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.498	264	162740	3.592	ng/ul	-0.02
Target Compounds						Qvalue
8) Phenol	6.858	94	9394m	1.194	ng/ul	
16) Acetophenone	8.446	105	51543	5.171	ng/ul	96
30) Naphthalene	10.434	128	25204	1.385	ng/ul	98
56) Dibenzofuran	14.663	168	26302	1.026	ng/ul	94
61) Fluorene	15.310	166	24584	1.177	ng/ul	99
72) Phenanthrene	17.086	178	472439	13.258	ng/ul	99
74) Anthracene	17.192	178	64677	1.819	ng/ul	98
77) Carbazole	17.486	167	37192	1.182	ng/ul	97
80) Fluoranthene	19.180	202	624359	13.773	ng/ul	97
82) Pyrene	19.557	202	298145	6.136	ng/ul	97
85) Benzo(a)anthracene	21.469	228	238595	4.564	ng/ul	99
87) Chrysene	21.539	228	250360	5.165	ng/ul	98
90) Benzo(b)fluoranthene	23.715	252	306268	5.735	ng/ul#	98
91) Benzo(k)fluoranthene	23.768	252	102813	1.966	ng/ul	96
93) Benzo(a)pyrene	24.568	252	72799	1.481	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.427	276	76309m	1.163	ng/ul	

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

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