Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021771.D
Acq On : 31 Aug 2024 04:38
Operator : RC/JU
Sample : P3733-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 31 05:09:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A4497

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	256340	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1000381	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.428	164	640645	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	1377790	20.000	ng/ul	0.00
79) Chrysene-d12	21.686	240	1478374	20.000	ng/ul	0.02
88) Perylene-d12	25.092	264	1797364	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	17940	2.323	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.952	99	328328	12.002	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	193105	12.971	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	223973	12.681	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	213523	10.101	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	105395	13.095	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	100630	12.318	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	188260m	11.694	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	224144	9.570	ng/ul	0.00
46) Dimethylphthalate-d6	13.828	166	654117	13.344	ng/ul	-0.01
49) Acenaphthylene-d8	14.116	160	731036	13.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.645	143	76402	8.192	ng/ul	0.02
60) Fluorene-d10	15.433	176	581644	14.113	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	57974	7.650	ng/ul	0.00
73) Anthracene-d10	17.339	188	907307	13.876	ng/ul	0.00
81) Pyrene-d10	19.710	212	1031356	12.204	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.851	264	850912	8.878	ng/ul	0.01
Target Compounds						Qvalue
16) Acetophenone	8.599	105	44012	1.299	ng/ul	94
72) Phenanthrene	17.280	178	402398	5.320	ng/ul	100
80) Fluoranthene	19.363	202	681238	6.908	ng/ul	99
82) Pyrene	19.745	202	467975	4.481	ng/ul	96
85) Benzo(a)anthracene	21.668	228	286009	2.720	ng/ul	98
87) Chrysene	21.733	228	338517	3.420	ng/ul	97
90) Benzo(b)fluoranthene	24.004	252	495948	4.410	ng/ul	98
91) Benzo(k)fluoranthene	24.068	252	171097m	1.554	ng/ul	
93) Benzo(a)pyrene	24.921	252	183493	1.771	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.921	276	192040m	1.437	ng/ul	

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

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