Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016654.D
Acq On : 18 Aug 2023 22:37
Operator : MA/JU
Sample : 03968-33
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A48Q1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2023
Supervised By :mohammad ahmed 08/21/2023

Quant Time: Aug 18 23:52:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 17 01:38:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	293847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1390521	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	864718	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1879675	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1592199	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	1446481	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	45626	5.900	ng/uL	0.00
4) Pyridine-d5	3.828	84	448058	19.044	ng/ul	0.00
7) Phenol-d5	7.193	99	805723	29.742	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	498617	27.945	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	564984	29.036	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	615149	28.558	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	298778	30.537	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	317553	34.172	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	575135	31.449	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	804357	25.635	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1952911	31.224	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	2225259	31.522	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	326024	25.588	ng/ul	0.00
60) Fluorene-d10	15.692	176	1704942	31.976	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	175171	19.589	ng/ul	0.00
73) Anthracene-d10	17.569	188	2622639	32.257	ng/ul	0.00
81) Pyrene-d10	19.798	212	3139239	37.628	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2433532	35.105	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.899	105	140011	4.025	ng/ul	97
72) Phenanthrene	17.510	178	148486	1.499	ng/ul	98
80) Fluoranthene	19.469	202	417428	4.192	ng/ul	99
82) Pyrene	19.827	202	380199	3.616	ng/ul	97
85) Benzo(a)anthracene	21.545	228	222481	2.079	ng/ul	99
87) Chrysene	21.604	228	216682	2.164	ng/ul	98
90) Benzo(b)fluoranthene	23.339	252	263347	3.058	ng/ul#	93
91) Benzo(k)fluoranthene	23.392	252	104751m	1.226	ng/ul	
93) Benzo(a)pyrene	24.027	252	181266	2.231	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.886	276	110135	1.149	ng/ul	93
96) Benzo(g,h,i)perylene	27.739	276	101395	1.329	ng/ul	97

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

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