Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
Data File : BP016625.D
Acq On : 17 Aug 2023 04:18
Operator : MA/JU
Sample : 03967-23
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 17 04:55:10 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

Instrument :
BNA_P
ClientSampleId :
A48N4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
Supervised By :mohammad ahmed 08/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	382090	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1780114	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	1115496	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	2568046	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	2094092	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1973591	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	20097m	1.999	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.193	99	418509	11.881	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	244838	10.553	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	291541	11.523	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	287297	10.257	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	146030	11.659	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	148521	12.484	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	284311	12.144	ng/ul	0.00
31) 4-Chloroaniline-d4	11.040	131	29821	0.742	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	935601	11.596	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	1105639	12.141	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	169737	10.327	ng/ul	0.00
60) Fluorene-d10	15.698	176	897503	13.048	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	89123	7.295	ng/ul	0.00
73) Anthracene-d10	17.569	188	1494365	13.453	ng/ul	0.00
81) Pyrene-d10	19.798	212	1744119	15.895	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1291012	13.650	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.899	105	206421	4.564	ng/ul	98
72) Phenanthrene	17.510	178	309217	2.285	ng/ul	99
80) Fluoranthene	19.469	202	666988	5.093	ng/ul	98
82) Pyrene	19.828	202	613796	4.439	ng/ul	97
85) Benzo(a)anthracene	21.545	228	290928	2.067	ng/ul	98
87) Chrysene	21.604	228	355562	2.700	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	409878	3.488	ng/ul#	63
91) Benzo(k)fluoranthene	23.392	252	126787m	1.088	ng/ul	
93) Benzo(a)pyrene	24.033	252	241034	2.174	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.898	276	177867	1.360	ng/ul	96
96) Benzo(g,h,i)perylene	27.757	276	187135	1.797	ng/ul	97

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

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