Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
Data File : BP015880.D
Acq On : 01 Jul 2023 12:02
Operator : MA/JU
Sample : 03242-01
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFZ8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 01:56:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	287799	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.875	136	1236474	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.698	164	707334	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1252839	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	861476	20.000	ng/ul	#-0.01
88) Perylene-d12	24.098	264	1051007	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	39112	4.890	ng/uL	-0.01
4) Pyridine-d5	3.822	84	403520	20.012	ng/ul	0.00
7) Phenol-d5	7.228	99	747778	30.367	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	525585	34.499	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	606054	32.604	ng/ul	-0.01
15) 4-Methylphenol-d8	8.787	113	483644	24.862	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	300683	31.820	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	335012	30.376	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	546322	27.798	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131	402517	15.943	ng/ul	0.01
46) Dimethylphthalate-d6	14.110	166	1749093	31.993	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1974432	32.126	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.986	143	175254m	24.291	ng/ul	0.04
60) Fluorene-d10	15.698	176	1391920	30.920	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	117178	15.208	ng/ul	0.01
73) Anthracene-d10	17.563	188	1815840	31.730	ng/ul	-0.01
81) Pyrene-d10	19.792	212	1753382	31.170	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1733926	32.705	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.504	178	208303	3.061	ng/ul	98
80) Fluoranthene	19.463	202	547544	7.832	ng/ul#	92
82) Pyrene	19.822	202	457323	6.413	ng/ul#	92
85) Benzo(a)anthracene	21.533	228	258051m	4.258	ng/ul	
87) Chrysene	21.592	228	301086	5.237	ng/ul	96
90) Benzo(b)fluoranthene	23.315	252	494073	7.316	ng/ul#	92
91) Benzo(k)fluoranthene	23.363	252	176742m	2.590	ng/ul	
93) Benzo(a)pyrene	23.980	252	318121	5.391	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.792	276	278968	3.483	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.798	278	80479m	1.223	ng/ul	
96) Benzo(g,h,i)perylene	27.633	276	248841	3.776	ng/ul#	90

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

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