Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081823\
Data File : BP016658.D
Acq On : 19 Aug 2023 02:03
Operator : MA/JU
Sample : 03968-35
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 19 02:40:17 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 :
A48Q3

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	294031	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	1334065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.698	164	808741	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1742224	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1187638	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	1027558	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	48978	6.330	ng/uL	0.00
4) Pyridine-d5	3.828	84	470523	19.986	ng/ul	0.00
7) Phenol-d5	7.187	99	782585	28.870	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	499091	27.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	568965	29.223	ng/ul	0.00
15) 4-Methylphenol-d8	8.752	113	602996	27.976	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	287201	30.596	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	302967	33.982	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.487	165	544845	31.054	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	767497	25.495	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1793022	30.652	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	2053805	31.107	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	252709	21.207	ng/ul	0.00
60) Fluorene-d10	15.693	176	1555824	31.199	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	164263	19.819	ng/ul	0.00
73) Anthracene-d10	17.569	188	2341702	31.073	ng/ul	0.00
81) Pyrene-d10	19.798	212	2569067	41.284	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	1612488	32.745	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.899	105	127383	3.660	ng/ul	99
52) Acenaphthene	14.763	153	59160	1.137	ng/ul	98
61) Fluorene	15.751	166	75796	1.302	ng/ul	96
72) Phenanthrene	17.510	178	1257174	13.697	ng/ul	99
74) Anthracene	17.604	178	282648	3.066	ng/ul	98
80) Fluoranthene	19.469	202	1597593	21.510	ng/ul	99
82) Pyrene	19.828	202	1517044	19.343	ng/ul	98
85) Benzo(a)anthracene	21.545	228	641997	8.043	ng/ul	98
87) Chrysene	21.604	228	595223	7.969	ng/ul	98
90) Benzo(b)fluoranthene	23.345	252	569478	9.308	ng/ul	95
91) Benzo(k)fluoranthene	23.392	252	179048m	2.950	ng/ul	
93) Benzo(a)pyrene	24.027	252	406834	7.049	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.886	276	243565	3.576	ng/ul	97
95) Dibenzo(a,h)anthracene	26.915	278	65119	1.149	ng/ul#	85
96) Benzo(g,h,i)perylene	27.745	276	222058	4.096	ng/ul	96

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

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