Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101823\
Data File : BP017720.D
Acq On : 18 Oct 2023 21:14
Operator : MA/JU
Sample : SSTD16039
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160601

Quant Time: Oct 19 01:24:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 00:53:23 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/19/2023
Supervised By :mohammad ahmed 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	136141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.728	136	520491	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	322433	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	704828	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	680682	20.000	ng/ul	0.01
88) Perylene-d12	24.080	264	726124	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.693	84	1591220	158.335	ng/ul	0.00
7) Phenol-d5	7.058	99	1944113	156.782	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.246	67	1122785	148.973	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.628	113	1516875	154.125	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.904	131	2039748	157.585	ng/ul	0.01
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.851	143	801529	179.046	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.751	200	891132	183.233	ng/ul	0.02
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.711	79	1598996	154.482	ng/ul	98
6) Benzaldehyde	7.058	77	737650	118.065	ng/ul	99
8) Phenol	7.087	94	1889816	154.324	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.340	93	1506075	151.720	ng/ul	95
13) 2-Methylphenol	8.346	108	1435122	156.652	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.410	45	1780034m	140.146	ng/ul	
16) Acetophenone	8.763	105	2294931	149.889	ng/ul	99
18) 4-Methylphenol	8.699	108	1511669	152.425	ng/ul	99
32) 4-Chloroaniline	10.928	127	1944538	156.959	ng/ul	99
34) Caprolactam	11.798	113	396107m	151.226	ng/ul	
40) Hexachlorocyclopentadiene	12.687	237	1389965	251.239	ng/ul	99
51) 3-Nitroaniline	14.557	138	790416	159.347	ng/ul	92
53) 2,4-Dinitrophenol	14.763	184	634274	209.759	ng/ul	96
55) 4-Nitrophenol	14.869	109	749563	177.801	ng/ul	94
63) 4-Nitroaniline	15.751	138	674362	138.791	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.769	198	914197	177.615	ng/ul#	95
70) Atrazine	16.851	200	1320591	164.320	ng/ul	100
71) Pentachlorophenol	17.010	266	1062022	177.051	ng/ul	98
77) Carbazole	17.816	167	5770079	154.625	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.451	252	2655999	157.662	ng/ul	99
89) Di-n-octyl phthalate	22.368	149	8229690	176.442	ng/ul	100

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