Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071223\
Data File : BP016197.D
Acq On : 12 Jul 2023 11:54
Operator : MA/JU
Sample : SSTD16001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160602

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/13/2023
Supervised By :mohammad ahmed 07/13/2023

Quant Time: Jul 13 11:01:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 13 01:50:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	169876	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.775	136	773518	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.616	164	493609	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.381	188	1127639	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1031209	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1319965	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.723	84	2066460	172.596	ng/ul	-0.02
7) Phenol-d5	7.140	99	2587585	168.638	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.293	67	1624361	156.557	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.705	113	2051076	165.936	ng/ul	0.00
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	10.940	131	2755002	165.832	ng/ul	-0.02
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	14.887	143	1370184m	253.236	ng/ul	-0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.787	200	1143109	176.516	ng/ul	-0.01
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	3.746	79	2127679	173.498	ng/ul	97
6) Benzaldehyde	7.105	77	1074989	113.582	ng/ul	96
8) Phenol	7.169	94	2726977	168.253	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.387	93	2070508	154.785	ng/ul	98
13) 2-Methylphenol	8.422	108	1995574	161.194	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	3266605m	150.537	ng/ul	
16) Acetophenone	8.810	105	3059386	150.098	ng/ul	96
18) 4-Methylphenol	8.775	108	2121491	156.708	ng/ul	99
32) 4-Chloroaniline	10.969	127	2718650	161.915	ng/ul	99
34) Caprolactam	11.822	113	557118m	144.676	ng/ul	
40) Hexachlorocyclopentadiene	12.763	237	1145899	207.630	ng/ul	97
51) 3-Nitroaniline	14.569	138	1128011	154.935	ng/ul	91
53) 2,4-Dinitrophenol	14.793	184	905455	180.439	ng/ul	97
55) 4-Nitrophenol	14.904	109	1072436m	217.360	ng/ul	
63) 4-Nitroaniline	15.751	138	996642	152.999	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.804	198	1180790	175.316	ng/ul#	93
70) Atrazine	16.857	200	1828324	154.260	ng/ul	98
71) Pentachlorophenol	17.039	266	1199816	185.397	ng/ul	99
77) Carbazole	17.804	167	7995261	148.531	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.392	252	3685470	152.960	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	11838763	143.188	ng/ul	100

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

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