Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072523\
Data File : BP016348.D
Acq On : 25 Jul 2023 15:24
Operator : MA/JU
Sample : SSTD16007
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160609

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/26/2023
Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 25 23:49:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 16:07:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	482797	20.000	ng/ul	0.00
20) Naphthalene-d8	10.940	136	2002654	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.746	164	1167900	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	2400323	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	1522267	20.000	ng/ul	0.00
88) Perylene-d12	24.210	264	1495200	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	3.858	84	5266585	151.597	ng/ul	0.00
7) Phenol-d5	7.246	99	6059188	149.974	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.446	67	3477480	143.364	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.822	113	4832004	148.717	ng/ul	0.03
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	11.099	131	6205617	141.497	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	14.963	143	2442334	170.531	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.881	200	1853642	234.456	ng/ul	0.03
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	3.881	79	5282400	149.451	ng/ul	96
6) Benzaldehyde	7.252	77	1957507	88.811	ng/ul	97
8) Phenol	7.281	94	6150990	146.401	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.546	93	4946858	143.727	ng/ul	95
13) 2-Methylphenol	8.540	108	4715725	146.378	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	5783370m	138.816	ng/ul	
16) Acetophenone	8.975	105	6720704	131.070	ng/ul	96
18) 4-Methylphenol	8.893	108	5149271	149.597	ng/ul	97
32) 4-Chloroaniline	11.128	127	5879615	136.751	ng/ul	98
34) Caprolactam	11.975	113	1619581m	153.983	ng/ul	
40) Hexachlorocyclopentadiene	12.893	237	3624587	147.153	ng/ul	99
51) 3-Nitroaniline	14.693	138	2330070	160.341	ng/ul#	94
53) 2,4-Dinitrophenol	14.887	184	1377729	259.332	ng/ul#	86
55) 4-Nitrophenol	14.987	109	1745604	151.206	ng/ul	91
63) 4-Nitroaniline	15.875	138	1767812	132.664	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.898	198	2041595	216.001	ng/ul#	89
70) Atrazine	16.981	200	3576234	145.641	ng/ul	99
71) Pentachlorophenol	17.134	266	2729146	177.418	ng/ul	99
77) Carbazole	17.928	167	14055474	128.342	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.522	252	4955126	148.100	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	14547026	154.776	ng/ul	100

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