Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071024\
Data File : BP020885.D
Acq On : 10 Jul 2024 18:08
Operator : MA/JU
Sample : SSTD16024
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160649

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/11/2024
Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 18:36:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:12:15 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	200997	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	847915	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	544483	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1016649	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	763971	20.000	ng/ul	0.02
88) Perylene-d12	24.986	264	939153	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	3.664	84	2078704	163.211	ng/ul	0.00
7) Phenol-d5	6.928	99	2714614	167.138	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.075	67	1546154	154.653	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.457	113	2169944	159.298	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	10.646	131	2781913	152.647	ng/ul	0.00
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	14.634	143	978863	177.653	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.528	200	1070020	177.828	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	3.687	79	2120083	160.928	ng/ul	96
6) Benzaldehyde	6.887	77	940082	106.131	ng/ul	99
8) Phenol	6.957	94	2695229	163.190	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.163	93	2126763	154.119	ng/ul	98
13) 2-Methylphenol	8.175	108	2051631	159.982	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.246	45	2941112	146.018	ng/ul	96
16) Acetophenone	8.552	105	3125305	146.221	ng/ul	99
18) 4-Methylphenol	8.522	108	2149639	155.610	ng/ul	99
32) 4-Chloroaniline	10.675	127	2623933	150.338	ng/ul	99
34) Caprolactam	11.528	113	667850m	161.742	ng/ul	
40) Hexachlorocyclopentadiene	12.492	237	1795123	204.974	ng/ul	99
51) 3-Nitroaniline	14.298	138	1059673	149.709	ng/ul	91
53) 2,4-Dinitrophenol	14.516	184	835202	210.597	ng/ul	99
55) 4-Nitrophenol	14.651	109	781028	173.337	ng/ul	91
63) 4-Nitroaniline	15.486	138	811520	136.050	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.539	198	1096898	170.323	ng/ul#	97
70) Atrazine	16.645	200	1659540	152.336	ng/ul	100
71) Pentachlorophenol	16.828	266	1292991	178.203	ng/ul	98
77) Carbazole	17.610	167	6485638	144.748	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	2601995	146.543	ng/ul	98
89) Di-n-octyl phthalate	22.821	149	8733982	136.673	ng/ul	100

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