Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061224\
Data File : BP020601.D
Acq On : 12 Jun 2024 14:18
Operator : MA/JU
Sample : PB161385BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 14:55:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB161385BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

06/14/2024
Supervised By :mohammad ahmed

06/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	249045	20.000	ng		-0.01
21) Naphthalene-d8	10.528	136	877627	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	481648	20.000	ng		0.00
64) Phenanthrene-d10	17.186	188	1008137	20.000	ng		-0.02
76) Chrysene-d12	21.639	240	978433	20.000	ng		-0.03
86) Perylene-d12	24.992	264	1158524	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1667469	119.879	ng		0.00
7) Phenol-d6	6.946	99	1966698	100.260	ng		0.01
23) Nitrobenzene-d5	8.910	82	1250237	77.981	ng		-0.01
42) 2,4,6-Tribromophenol	15.898	330	753512	150.745	ng		-0.01
45) 2-Fluorobiphenyl	12.987	172	2629199	81.375	ng		-0.02
79) Terphenyl-d14	19.922	244	4262135	72.517	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	196634	34.986	ng		95
3) Pyridine	3.722	79	477926	30.244	ng		94
4) n-Nitrosodimethylamine	3.628	42	275732	35.924	ng		94
6) Aniline	7.099	93	405900	20.421	ng		98
8) 2-Chlorophenol	7.334	128	613172	39.325	ng		97
9) Benzaldehyde	6.916	77	331513m	26.347	ng		
10) Phenol	6.969	94	718274	35.747	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	596550	36.000	ng		98
12) 1,3-Dichlorobenzene	7.652	146	728162	39.636	ng		99
13) 1,4-Dichlorobenzene	7.793	146	729312	39.059	ng		99
14) 1,2-Dichlorobenzene	8.105	146	698731	38.775	ng		98
15) Benzyl Alcohol	8.005	79	510209	35.212	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.269	45	807364	32.635	ng		98
17) 2-Methylphenol	8.199	107	472907	34.682	ng		100
18) Hexachloroethane	8.822	117	267148	39.182	ng		92
19) n-Nitroso-di-n-propyla...	8.563	70	421915	31.507	ng		96
20) 3+4-Methylphenols	8.522	107	626863	33.800	ng		99
22) Acetophenone	8.581	105	880066	40.398	ng	#	97
24) Nitrobenzene	8.957	77	634088	38.970	ng		99
25) Isophorone	9.469	82	1103432	35.423	ng		100
26) 2-Nitrophenol	9.652	139	311101	48.307	ng		98
27) 2,4-Dimethylphenol	9.710	122	378889	40.261	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	701602	36.644	ng		100
29) 2,4-Dichlorophenol	10.175	162	517230	40.967	ng		98
30) 1,2,4-Trichlorobenzene	10.393	180	636783	42.485	ng		98
31) Naphthalene	10.575	128	1762556	39.285	ng		100
32) Benzoic acid	9.846	122	344750	39.907	ng		97
33) 4-Chloroaniline	10.687	127	299989	17.285	ng		99
34) Hexachlorobutadiene	10.851	225	399226	42.284	ng		99
35) Caprolactam	11.487	113	162492	35.120	ng		88
36) 4-Chloro-3-methylphenol	11.816	107	533709	36.105	ng		98
37) 2-Methylnaphthalene	12.193	142	1171213	36.431	ng		99
38) 1-Methylnaphthalene	12.398	142	1077174	33.800	ng		100
40) 1,2,4,5-Tetrachloroben...	12.557	216	671619	48.194	ng		99
41) Hexachlorocyclopentadiene	12.534	237	668371	136.468	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	406116	48.211	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	440675	45.345	ng	97
46) 1,1'-Biphenyl	13.210	154	1468536	43.203	ng	99
47) 2-Chloronaphthalene	13.251	162	1138053	42.115	ng	99
48) 2-Nitroaniline	13.457	65	327767	44.763	ng	99
49) Acenaphthylene	14.104	152	1787809	44.588	ng	99
50) Dimethylphthalate	13.840	163	1379029	40.618	ng	99
51) 2,6-Dinitrotoluene	13.963	165	304351	41.940	ng	91
52) Acenaphthene	14.451	154	1025616	40.550	ng	100
53) 3-Nitroaniline	14.287	138	244818	33.633	ng	99
54) 2,4-Dinitrophenol	14.498	184	343258	97.571	ng	94
55) Dibenzofuran	14.787	168	1659033	41.407	ng	98
56) 4-Nitrophenol	14.610	139	547701	97.269	ng	93
57) 2,4-Dinitrotoluene	14.757	165	424206	44.480	ng	97
58) Fluorene	15.451	166	1307733	40.658	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	390866	49.147	ng	96
60) Diethylphthalate	15.222	149	1385886	40.156	ng	100
61) 4-Chlorophenyl-phenyle...	15.451	204	667480	40.215	ng	99
62) 4-Nitroaniline	15.475	138	300583	40.087	ng	98
63) Azobenzene	15.745	77	1231285	38.208	ng	97
65) 4,6-Dinitro-2-methylph...	15.528	198	238329	52.474	ng	96
66) n-Nitrosodiphenylamine	15.663	169	1156840	41.737	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	430539	41.744	ng	97
68) Hexachlorobenzene	16.469	284	511007	42.098	ng	99
69) Atrazine	16.645	200	430552	44.154	ng	99
70) Pentachlorophenol	16.828	266	690644	93.682	ng	99
71) Phenanthrene	17.233	178	2098874	42.353	ng	99
72) Anthracene	17.328	178	2079147	42.756	ng	100
73) Carbazole	17.610	167	2001521	42.551	ng	99
74) Di-n-butylphthalate	18.192	149	2502780	43.937	ng	99
75) Fluoranthene	19.316	202	2582724	44.053	ng	99
77) Benzidine	19.527	184	246129m	12.166	ng	
78) Pyrene	19.692	202	2688348	36.528	ng	99
80) Butylbenzylphthalate	20.657	149	1123699	38.424	ng	93
81) Benzo(a)anthracene	21.616	228	2716561	42.167	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	784191	40.948	ng	100
83) Chrysene	21.686	228	2562616	42.214	ng	100
84) Bis(2-ethylhexyl)phtha...	21.563	149	1631503	38.952	ng	99
85) Di-n-octyl phthalate	22.845	149	2945544	48.384	ng	96
87) Indeno(1,2,3-cd)pyrene	28.798	276	3963043m	56.254	ng	
88) Benzo(b)fluoranthene	23.927	252	2975040	41.220	ng	99
89) Benzo(k)fluoranthene	23.998	252	2927068	41.582	ng	100
90) Benzo(a)pyrene	24.827	252	2845393	47.603	ng	99
91) Dibenzo(a,h)anthracene	28.880	278	3277951	55.785	ng	98
92) Benzo(g,h,i)perylene	30.003	276	3114283	53.024	ng	96

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

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