Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092622\
Data File : BP011804.D
Acq On : 26 Sep 2022 19:22
Operator : CG/JU
Sample : N4732-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 03:22:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 02:45:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	216637	20.000	ng	-0.01
21) Naphthalene-d8	10.722	136	1106006	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	775593	20.000	ng	-0.01
64) Phenanthrene-d10	17.310	188	1697443	20.000	ng	-0.01
76) Chrysene-d12	21.398	240	1635140	20.000	ng	0.00
86) Perylene-d12	23.839	264	1704377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2436349	197.326	ng	0.00
7) Phenol-d6	7.075	99	3345692	183.265	ng	0.00
23) Nitrobenzene-d5	9.081	82	1993778	94.353	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	1133952	217.131	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	4694424	95.717	ng	-0.01
79) Terphenyl-d14	19.869	244	7707853	108.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	221222	42.615	ng	# 49
3) Pyridine	3.775	79	574874	35.882	ng	91
4) n-Nitrosodimethylamine	3.670	42	312839	44.155	ng	# 83
6) Aniline	7.240	93	1053525	46.390	ng	98
8) 2-Chlorophenol	7.475	128	982405	65.400	ng	95
9) Benzaldehyde	7.052	77	409811m	35.880	ng	
10) Phenol	7.105	94	1243362	60.462	ng	98
11) bis(2-Chloroethyl)ether	7.334	93	885244	54.383	ng	95
12) 1,3-Dichlorobenzene	7.799	146	777045	49.228	ng	98
13) 1,4-Dichlorobenzene	7.952	146	807333	49.913	ng	99
14) 1,2-Dichlorobenzene	8.269	146	809261	51.141	ng	99
15) Benzyl Alcohol	8.158	79	885612m	65.657	ng	
16) 2,2'-oxybis(1-Chloropr...	8.452	45	1200542	44.651	ng	94
17) 2-Methylphenol	8.358	107	882470	65.472	ng	98
18) Hexachloroethane	8.999	117	275221	44.443	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	754710	56.232	ng	91
20) 3+4-Methylphenols	8.687	107	1245612	65.819	ng	99
22) Acetophenone	8.746	105	1491617	53.689	ng	# 95
24) Nitrobenzene	9.122	77	1063279	48.701	ng	96
25) Isophorone	9.658	82	2281428	57.550	ng	98
26) 2-Nitrophenol	9.834	139	479144	53.901	ng	95
27) 2,4-Dimethylphenol	9.899	122	1037499	74.103	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	1363300	59.011	ng	99
29) 2,4-Dichlorophenol	10.369	162	1018952	68.019	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	781325	50.089	ng	99
31) Naphthalene	10.775	128	2904364	49.532	ng	100
32) Benzoic acid	10.010	122	290787	27.599	ng	97
33) 4-Chloroaniline	10.887	127	507015	20.740	ng	99
34) Hexachlorobutadiene	11.057	225	391256	49.731	ng	98
35) Caprolactam	11.693	113	355353m	58.367	ng	
36) 4-Chloro-3-methylphenol	12.010	107	1236926	68.033	ng	98
37) 2-Methylnaphthalene	12.381	142	2183956	53.934	ng	99
38) 1-Methylnaphthalene	12.604	142	2114638	53.031	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	946363	54.142	ng	99
41) Hexachlorocyclopentadiene	12.728	237	791773	92.363	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	783992	61.963	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	900388	61.913	ng		97
46) 1,1'-Biphenyl	13.393	154	2941673	52.203	ng		99
47) 2-Chloronaphthalene	13.434	162	2232307	51.072	ng		99
48) 2-Nitroaniline	13.640	65	809492	51.944	ng		88
49) Acenaphthylene	14.281	152	3804891	52.444	ng		100
50) Dimethylphthalate	14.022	163	3176150	55.852	ng		99
51) 2,6-Dinitrotoluene	14.134	165	691279	58.877	ng		93
52) Acenaphthene	14.622	154	2273812	51.102	ng		99
53) 3-Nitroaniline	14.463	138	605382	42.098	ng		99
54) 2,4-Dinitrophenol	14.669	184	212236	38.074	ng		91
55) Dibenzofuran	14.957	168	3604758	52.856	ng		99
56) 4-Nitrophenol	14.775	139	1372981	114.971	ng		92
57) 2,4-Dinitrotoluene	14.922	165	978120	55.658	ng		90
58) Fluorene	15.610	166	2962020	51.193	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	739143m	62.249	ng		
60) Diethylphthalate	15.381	149	3283354	55.296	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	1349126	55.770	ng		99
62) 4-Nitroaniline	15.634	138	853316	50.615	ng		97
63) Azobenzene	15.898	77	3167267	48.714	ng		94
65) 4,6-Dinitro-2-methylph...	15.687	198	248249	31.098	ng		88
66) n-Nitrosodiphenylamine	15.822	169	2690337	53.192	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	802052	57.617	ng		96
68) Hexachlorobenzene	16.616	284	851296	57.556	ng		94
69) Atrazine	16.775	200	950157	64.874	ng		98
70) Pentachlorophenol	16.963	266	1164982	107.865	ng		99
71) Phenanthrene	17.357	178	4869961	50.867	ng		100
72) Anthracene	17.451	178	4881197	53.307	ng		100
73) Carbazole	17.716	167	4884751	54.469	ng		100
74) Di-n-butylphthalate	18.269	149	5879923	54.432	ng		100
75) Fluoranthene	19.322	202	5588857	53.698	ng		98
77) Benzidine	19.498	184	869943	27.413	ng		99
78) Pyrene	19.675	202	5794117	53.030	ng		100
80) Butylbenzylphthalate	20.545	149	2743543	51.420	ng		92
81) Benzo(a)anthracene	21.380	228	5626290	52.151	ng		100
82) 3,3'-Dichlorobenzidine	21.316	252	1544362	49.084	ng		99
83) Chrysene	21.433	228	5325891	52.100	ng		99
84) Bis(2-ethylhexyl)phtha...	21.298	149	4091916	52.198	ng		99
85) Di-n-octyl phthalate	22.239	149	7132064	57.209	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.410	276	6671351	50.024	ng		98
88) Benzo(b)fluoranthene	23.098	252	6032405	57.006	ng		99
89) Benzo(k)fluoranthene	23.151	252	5807571	53.561	ng		99
90) Benzo(a)pyrene	23.739	252	5281228	58.988	ng		98
91) Dibenzo(a,h)anthracene	26.421	278	5806757	52.443	ng		98
92) Benzo(g,h,i)perylene	27.198	276	5656984	52.778	ng		97

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

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