Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
Data File : BP007793.D
Acq On : 01 Nov 2021 16:07
Operator : CG/JU
Sample : M4424-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T2-B1-NMSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/03/2021

Quant Time: Nov 01 17:14:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 14:37:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.928	152	191438	20.000	ng		0.00
21) Naphthalene-d8	10.734	136	679285	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	410199	20.000	ng		-0.01
64) Phenanthrene-d10	17.322	188	824935	20.000	ng		0.00
76) Chrysene-d12	21.416	240	764662	20.000	ng		0.00
86) Perylene-d12	23.857	264	860306	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	1220418	105.662	ng		0.00
7) Phenol-d6	7.099	99	1454180	93.448	ng		0.00
23) Nitrobenzene-d5	9.087	82	876096	79.594	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	560991	131.756	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	1996600	74.399	ng		0.00
79) Terphenyl-d14	19.880	244	2798742	74.132	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	191559	37.801	ng		96
3) Pyridine	3.799	79	490074	35.813	ng		96
4) n-Nitrosodimethylamine	3.705	42	235180	39.342	ng		92
6) Aniline	7.252	93	536756	30.031	ng		98
8) 2-Chlorophenol	7.493	128	578447	48.462	ng		97
9) Benzaldehyde	7.063	77	350357	41.044	ng		95
10) Phenol	7.122	94	684820	45.343	ng		99
11) bis(2-Chloroethyl)ether	7.352	93	533688	43.765	ng		97
12) 1,3-Dichlorobenzene	7.816	146	652942	46.993	ng		97
13) 1,4-Dichlorobenzene	7.963	146	666924	47.425	ng		100
14) 1,2-Dichlorobenzene	8.281	146	628834	47.019	ng		99
15) Benzyl Alcohol	8.169	79	493033	43.112	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	606773	38.063	ng		95
17) 2-Methylphenol	8.375	107	458452	44.839	ng		97
18) Hexachloroethane	9.010	117	234704	46.790	ng		93
19) n-Nitroso-di-n-propyla...	8.740	70	369182	40.732	ng		93
20) 3+4-Methylphenols	8.704	107	608854	43.749	ng		100
22) Acetophenone	8.752	105	774969	46.078	ng	#	96
24) Nitrobenzene	9.128	77	573066	52.118	ng		95
25) Isophorone	9.657	82	985570	42.988	ng		98
26) 2-Nitrophenol	9.840	139	300928	62.380	ng		97
27) 2,4-Dimethylphenol	9.910	122	493391	52.987	ng		97
28) bis(2-Chloroethoxy)met...	10.140	93	647788	43.344	ng		98
29) 2,4-Dichlorophenol	10.381	162	530493	52.493	ng		97
30) 1,2,4-Trichlorobenzene	10.598	180	597519	50.556	ng		99
31) Naphthalene	10.781	128	1605243	47.370	ng		99
32) Benzoic acid	10.046	122	350981	58.366	ng		97
33) 4-Chloroaniline	10.887	127	146141	10.079	ng		97
34) Hexachlorobutadiene	11.075	225	402644	53.999	ng		99
35) Caprolactam	11.675	113	146891	71.446	ng	#	88
36) 4-Chloro-3-methylphenol	12.022	107	528671	47.257	ng		100
37) 2-Methylnaphthalene	12.393	142	1149485	48.289	ng		99
38) 1-Methylnaphthalene	12.610	142	1058087	45.753	ng		99
40) 1,2,4,5-Tetrachloroben...	12.763	216	638818	53.064	ng		99
41) Hexachlorocyclopentadiene	12.745	237	855137	130.295	ng		99
43) 2,4,6-Trichlorophenol	12.998	196	427685	59.109	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	463800	64.455	ng		96
46) 1,1'-Biphenyl	13.398	154	1399849	47.260	ng		99
47) 2-Chloronaphthalene	13.440	162	1117958	49.087	ng		100
48) 2-Nitroaniline	13.639	65	298992	52.333	ng		98
49) Acenaphthylene	14.287	152	1724506	47.580	ng		100
50) Dimethylphthalate	14.028	163	1367530	46.277	ng		99
51) 2,6-Dinitrotoluene	14.139	165	302793	55.397	ng		91
52) Acenaphthene	14.628	154	1237670m	54.956	ng		
53) 3-Nitroaniline	14.463	138	141001	25.342	ng	#	94
54) 2,4-Dinitrophenol	14.675	184	328691	194.874	ng		94
55) Dibenzofuran	14.963	168	1645928	45.926	ng		100
56) 4-Nitrophenol	14.781	139	502366	112.487	ng		95
57) 2,4-Dinitrotoluene	14.928	165	404942	55.450	ng		88
58) Fluorene	15.616	166	1270185	55.604	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	391594m	55.637	ng		
60) Diethylphthalate	15.392	149	1345388	45.055	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	672580	56.241	ng		97
62) 4-Nitroaniline	15.634	138	268264	50.218	ng		100
63) Azobenzene	15.904	77	1130044	39.548	ng		97
65) 4,6-Dinitro-2-methylph...	15.692	198	209354	56.492	ng		91
66) n-Nitrosodiphenylamine	15.828	169	1130751	47.955	ng		99
67) 4-Bromophenyl-phenylether	16.510	248	438470	52.071	ng		96
68) Hexachlorobenzene	16.628	284	492454	53.060	ng		94
69) Atrazine	16.786	200	432654	50.741	ng		99
70) Pentachlorophenol	16.975	266	619065	119.709	ng		95
71) Phenanthrene	17.363	178	2011289	47.179	ng		100
72) Anthracene	17.451	178	2039059	47.908	ng		100
73) Carbazole	17.722	167	1805559	42.390	ng		100
74) Di-n-butylphthalate	18.286	149	2265112	46.101	ng		99
75) Fluoranthene	19.333	202	2394662	46.339	ng		98
77) Benzidine	19.510	184	1160411	52.707	ng		99
78) Pyrene	19.686	202	2425388	47.871	ng		100
80) Butylbenzylphthalate	20.563	149	989900	49.387	ng		95
81) Benzo(a)anthracene	21.398	228	2318589	46.208	ng		100
82) 3,3'-Dichlorobenzidine	21.327	252	586705	35.638	ng		99
83) Chrysene	21.451	228	2235908	47.167	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1437940	47.825	ng		99
85) Di-n-octyl phthalate	22.268	149	2444389	47.113	ng		96
87) Indeno(1,2,3-cd)pyrene	26.415	276	3390286	55.825	ng		97
88) Benzo(b)fluoranthene	23.110	252	2457314	48.171	ng		99
89) Benzo(k)fluoranthene	23.163	252	2404504	48.137	ng		99
90) Benzo(a)pyrene	23.745	252	2477274	57.100	ng		99
91) Dibenzo(a,h)anthracene	26.427	278	2849782	56.881	ng		98
92) Benzo(g,h,i)perylene	27.198	276	2988346	59.050	ng		98

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

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