Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111921\
Data File : BP008049.D
Acq On : 19 Nov 2021 21:58
Operator : CG/JU
Sample : PB140918BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB140918BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 20 01:59:06 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	205169	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	825282	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	538107	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1127273	20.000	ng		0.00
76) Chrysene-d12	21.316	240	966046	20.000	ng		0.00
86) Perylene-d12	23.710	264	815831	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1554528	129.507	ng		0.00
7) Phenol-d6	7.010	99	2025994	121.763	ng		0.00
23) Nitrobenzene-d5	8.987	82	1397987	76.846	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	775706	113.909	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	2737481	79.658	ng		0.00
79) Terphenyl-d14	19.786	244	4047969	82.383	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	164781	29.333	ng		100
3) Pyridine	3.722	79	445242	27.685	ng		99
4) n-Nitrosodimethylamine	3.628	42	300679	41.730	ng		98
6) Aniline	7.157	93	939910	44.748	ng		99
8) 2-Chlorophenol	7.393	128	584248	43.358	ng		97
9) Benzaldehyde	6.963	77	431987	43.274	ng		98
10) Phenol	7.034	94	798508	44.802	ng		99
11) bis(2-Chloroethyl)ether	7.252	93	631977	41.635	ng		100
12) 1,3-Dichlorobenzene	7.716	146	616030	39.825	ng		100
13) 1,4-Dichlorobenzene	7.863	146	629840	40.117	ng		99
14) 1,2-Dichlorobenzene	8.175	146	610232	40.506	ng		99
15) Benzyl Alcohol	8.075	79	629626	43.830	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.363	45	977078	41.301	ng		99
17) 2-Methylphenol	8.281	107	517205	44.045	ng		99
18) Hexachloroethane	8.904	117	238471	42.652	ng		99
19) n-Nitroso-di-n-propyla...	8.646	70	491588	39.877	ng		99
20) 3+4-Methylphenols	8.610	107	707527	43.465	ng		97
22) Acetophenone	8.652	105	895863	39.126	ng	#	99
24) Nitrobenzene	9.028	77	749639	42.039	ng		99
25) Isophorone	9.563	82	1330116	41.535	ng		100
26) 2-Nitrophenol	9.740	139	319424	42.086	ng		99
27) 2,4-Dimethylphenol	9.810	122	543671	47.530	ng		99
28) bis(2-Chloroethoxy)met...	10.040	93	816480	39.826	ng		99
29) 2,4-Dichlorophenol	10.275	162	585680	42.473	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	626437	39.950	ng		100
31) Naphthalene	10.675	128	1706047	40.691	ng		100
32) Benzoic acid	9.993	122	417209	42.546	ng		100
33) 4-Chloroaniline	10.787	127	706332	39.685	ng		99
34) Hexachlorobutadiene	10.963	225	413668	38.988	ng		100
35) Caprolactam	11.604	113	195473m	63.148	ng		
36) 4-Chloro-3-methylphenol	11.922	107	656528	41.247	ng		99
37) 2-Methylnaphthalene	12.287	142	1253163	40.488	ng		99
38) 1-Methylnaphthalene	12.504	142	1153143	38.043	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	704743	40.821	ng		99
41) Hexachlorocyclopentadiene	12.640	237	863761	110.119	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	497275	41.813	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	538512	41.972	ng	99
46) 1,1'-Biphenyl	13.298	154	1552032	38.841	ng	98
47) 2-Chloronaphthalene	13.339	162	1251807	41.106	ng	100
48) 2-Nitroaniline	13.545	65	471608	43.219	ng	99
49) Acenaphthylene	14.187	152	1974242	41.731	ng	100
50) Dimethylphthalate	13.934	163	1642017	40.298	ng	100
51) 2,6-Dinitrotoluene	14.045	165	367032	42.994	ng	98
52) Acenaphthene	14.534	154	1146702	39.551	ng	99
53) 3-Nitroaniline	14.375	138	337073	37.788	ng	99
54) 2,4-Dinitrophenol	14.586	184	451666	84.791	ng	95
55) Dibenzofuran	14.869	168	1898873	38.040	ng	99
56) 4-Nitrophenol	14.704	139	586232	81.984	ng	98
57) 2,4-Dinitrotoluene	14.839	165	500971	42.443	ng	98
58) Fluorene	15.516	166	1416527	42.563	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	461899m	40.022	ng	
60) Diethylphthalate	15.298	149	1623137	38.829	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	766609	41.273	ng	99
62) 4-Nitroaniline	15.545	138	369447	40.247	ng	99
63) Azobenzene	15.810	77	1697551	38.944	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	298744	39.240	ng	95
66) n-Nitrosodiphenylamine	15.733	169	1346222	42.089	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	514331	41.585	ng	98
68) Hexachlorobenzene	16.528	284	553920	41.909	ng	99
69) Atrazine	16.692	200	543071	66.419	ng	98
70) Pentachlorophenol	16.875	266	695154	81.799	ng	99
71) Phenanthrene	17.263	178	2401708	39.542	ng	100
72) Anthracene	17.357	178	2461158	40.929	ng	99
73) Carbazole	17.628	167	2182947	35.749	ng	100
74) Di-n-butylphthalate	18.186	149	2717484	40.837	ng	100
75) Fluoranthene	19.233	202	2872485	36.693	ng	99
77) Benzidine	19.416	184	2118410	125.926	ng	100
78) Pyrene	19.586	202	2891903	44.083	ng	99
80) Butylbenzylphthalate	20.463	149	1208796	44.100	ng	94
81) Benzo(a)anthracene	21.298	228	2667361	41.171	ng	100
82) 3,3'-Dichlorobenzidine	21.233	252	899525	33.498	ng	99
83) Chrysene	21.351	228	2582268	42.003	ng	100
84) Bis(2-ethylhexyl)phtha...	21.227	149	1642610	44.300	ng	99
85) Di-n-octyl phthalate	22.151	149	2977447	43.821	ng	100
87) Indeno(1,2,3-cd)pyrene	26.209	276	2403974	42.465	ng	100
88) Benzo(b)fluoranthene	22.980	252	2460762	48.242	ng	100
89) Benzo(k)fluoranthene	23.027	252	2324284	45.798	ng	99
90) Benzo(a)pyrene	23.604	252	2260140	52.869	ng	99
91) Dibenzo(a,h)anthracene	26.221	278	2052820	43.562	ng	99
92) Benzo(g,h,i)perylene	26.968	276	2077328	44.999	ng	99

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

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