Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030522\
Data File : BP009278.D
Acq On : 04 Mar 2022 22:05
Operator : CG/JU
Sample : PB143102BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB143102BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

Quant Time: Mar 05 02:04:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	445390	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1736212	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	1012478	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	2008353	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1991141	20.000	ng	0.00
86) Perylene-d12	23.733	264	2165460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	3166908	103.789	ng	0.00
7) Phenol-d6	6.993	99	3861739	99.593	ng	0.00
23) Nitrobenzene-d5	8.975	82	2371006	75.217	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1297737	106.148	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	5248938	71.294	ng	0.00
79) Terphenyl-d14	19.798	244	7651533	72.518	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	356026	27.411	ng	99
3) Pyridine	3.740	79	856018	30.923	ng	98
4) n-Nitrosodimethylamine	3.652	42	457885	39.661	ng	98
6) Aniline	7.152	93	1508022	30.704	ng	98
8) 2-Chlorophenol	7.387	128	1221385	39.078	ng	100
9) Benzaldehyde	6.958	77	576450m	23.333	ng	
10) Phenol	7.022	94	1522070	37.907	ng	99
11) bis(2-Chloroethyl)ether	7.246	93	1167801	37.581	ng	99
12) 1,3-Dichlorobenzene	7.716	146	1335434	36.266	ng	99
13) 1,4-Dichlorobenzene	7.858	146	1365354	36.544	ng	100
14) 1,2-Dichlorobenzene	8.175	146	1305492	36.560	ng	99
15) Benzyl Alcohol	8.058	79	1031923	37.736	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.358	45	1463646	36.287	ng	99
17) 2-Methylphenol	8.263	107	995251	38.292	ng	99
18) Hexachloroethane	8.905	117	485754	37.356	ng	98
19) n-Nitroso-di-n-propyla...	8.634	70	868417	37.134	ng	99
20) 3+4-Methylphenols	8.593	107	1329290	38.162	ng	99
22) Acetophenone	8.640	105	1705306	36.743	ng	99
24) Nitrobenzene	9.016	77	1303181	39.009	ng	100
25) Isophorone	9.546	82	2266380	38.438	ng	99
26) 2-Nitrophenol	9.728	139	547523	42.307	ng	97
27) 2,4-Dimethylphenol	9.793	122	1086953	38.187	ng	98
28) bis(2-Chloroethoxy)met...	10.034	93	1458941	37.810	ng	100
29) 2,4-Dichlorophenol	10.263	162	1095185	39.893	ng	99
30) 1,2,4-Trichlorobenzene	10.481	180	1208358	37.606	ng	99
31) Naphthalene	10.669	128	3588609	37.323	ng	100
32) Benzoic acid	9.922	122	641131	44.349	ng	97
33) 4-Chloroaniline	10.769	127	911474	23.185	ng	99
34) Hexachlorobutadiene	10.963	225	746427	38.146	ng	98
35) Caprolactam	11.546	113	320515	39.664	ng	97
36) 4-Chloro-3-methylphenol	11.899	107	1128281	39.371	ng	98
37) 2-Methylnaphthalene	12.281	142	2554820	37.398	ng	100
38) 1-Methylnaphthalene	12.499	142	2344264	37.261	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	1268350	37.174	ng	99
41) Hexachlorocyclopentadiene	12.640	237	1642875	76.023	ng	99
43) 2,4,6-Trichlorophenol	12.893	196	845772	41.284	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.957	196	919331	40.911	ng	99
46)	1,1'-Biphenyl	13.293	154	3055760	36.966	ng	99
47)	2-Chloronaphthalene	13.334	162	2383297	38.064	ng	100
48)	2-Nitroaniline	13.534	65	634062	44.043	ng	98
49)	Acenaphthylene	14.181	152	3780767	39.080	ng	100
50)	Dimethylphthalate	13.922	163	2952438	39.536	ng	100
51)	2,6-Dinitrotoluene	14.034	165	631456	42.819	ng	99
52)	Acenaphthene	14.528	154	2627927m	42.384	ng	
53)	3-Nitroaniline	14.357	138	470745	30.051	ng	99
54)	2,4-Dinitrophenol	14.563	184	647999	102.621	ng	96
55)	Dibenzofuran	14.863	168	3580354	38.120	ng	99
56)	4-Nitrophenol	14.669	139	1168892	89.726	ng	98
57)	2,4-Dinitrotoluene	14.822	165	859400	45.514	ng	98
58)	Fluorene	15.510	166	2818538	38.320	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.087	232	782819	41.373	ng	99
60)	Diethylphthalate	15.298	149	2918444	40.140	ng	100
61)	4-Chlorophenyl-phenyle...	15.510	204	1432033	38.223	ng	100
62)	4-Nitroaniline	15.528	138	628802	41.395	ng	98
63)	Azobenzene	15.804	77	2840356	39.764	ng	99
65)	4,6-Dinitro-2-methylph...	15.587	198	413547	46.814	ng	98
66)	n-Nitrosodiphenylamine	15.722	169	2481655	39.364	ng	98
67)	4-Bromophenyl-phenylether	16.410	248	834364	38.507	ng	99
68)	Hexachlorobenzene	16.528	284	999324	39.321	ng	99
69)	Atrazine	16.687	200	883771	39.824	ng	100
70)	Pentachlorophenol	16.869	266	1307612	85.485	ng	99
71)	Phenanthrene	17.263	178	4484933	38.857	ng	100
72)	Anthracene	17.351	178	4485416	39.043	ng	100
73)	Carbazole	17.622	167	4159743	39.737	ng	100
74)	Di-n-butylphthalate	18.192	149	4846016	41.825	ng	99
75)	Fluoranthene	19.239	202	5298674	39.773	ng	100
77)	Benzidine	19.416	184	2005447	28.856	ng	100
78)	Pyrene	19.592	202	5422403	40.334	ng	100
80)	Butylbenzylphthalate	20.480	149	2139836	44.098	ng	99
81)	Benzo(a)anthracene	21.310	228	5342847	39.589	ng	100
82)	3,3'-Dichlorobenzidine	21.245	252	1753985	35.405	ng	99
83)	Chrysene	21.363	228	5108432	38.986	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.257	149	3236131	41.699	ng	100
85)	Di-n-octyl phthalate	22.186	149	5484991	43.168	ng	100
87)	Indeno(1,2,3-cd)pyrene	26.245	276	7237520	43.018	ng	100
88)	Benzo(b)fluoranthene	22.998	252	6051615	41.390	ng	99
89)	Benzo(k)fluoranthene	23.051	252	5507561	39.430	ng	99
90)	Benzo(a)pyrene	23.627	252	5709749	41.175	ng	99
91)	Dibenzo(a,h)anthracene	26.263	278	6136877	43.017	ng	100
92)	Benzo(g,h,i)perylene	27.010	276	6217409	44.115	ng	99

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

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