Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060722\
Data File : BP010718.D
Acq On : 07 Jun 2022 21:29
Operator : CG/JU
Sample : PB145306BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB145306BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/08/2022
Supervised By :Jagrut Upadhyay 06/09/2022

Quant Time: Jun 07 23:50:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 19:29:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	107619	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	431008	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	264848	20.000	ng	0.00
64) Phenanthrene-d10	17.234	188	539704	20.000	ng	0.00
76) Chrysene-d12	21.322	240	507219	20.000	ng	0.00
86) Perylene-d12	23.727	264	471615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	822447	131.896	ng	0.00
7) Phenol-d6	7.022	99	1049313	123.047	ng	0.00
23) Nitrobenzene-d5	8.999	82	727760	79.516	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	431567	119.660	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	1505191	81.757	ng	0.00
79) Terphenyl-d14	19.792	244	2450920	90.355	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	85355	34.055	ng	95
3) Pyridine	3.734	79	234398	33.075	ng	97
4) n-Nitrosodimethylamine	3.640	42	168228	42.541	ng	94
6) Aniline	7.169	93	353404	35.448	ng	99
8) 2-Chlorophenol	7.405	128	304839	45.024	ng	97
9) Benzaldehyde	6.987	77	24921	4.836	ng	90
10) Phenol	7.046	94	395987	45.008	ng	99
11) bis(2-Chloroethyl)ether	7.264	93	298801	44.197	ng	99
12) 1,3-Dichlorobenzene	7.728	146	334071	43.104	ng	97
13) 1,4-Dichlorobenzene	7.875	146	341328	43.037	ng	99
14) 1,2-Dichlorobenzene	8.193	146	323681	42.396	ng	98
15) Benzyl Alcohol	8.087	79	293128m	43.332	ng	
16) 2,2'-oxybis(1-Chloropr...	8.369	45	485698	42.737	ng	98
17) 2-Methylphenol	8.293	107	258985	43.594	ng	98
18) Hexachloroethane	8.911	117	132715	43.122	ng	99
19) n-Nitroso-di-n-propyla...	8.652	70	249895	41.552	ng	96
20) 3+4-Methylphenols	8.622	107	344973	42.305	ng	98
22) Acetophenone	8.663	105	473513	41.222	ng	98
24) Nitrobenzene	9.046	77	379510	41.070	ng	97
25) Isophorone	9.569	82	659042	42.077	ng	99
26) 2-Nitrophenol	9.758	139	162422	42.769	ng	95
27) 2,4-Dimethylphenol	9.822	122	278035	49.942	ng	99
28) bis(2-Chloroethoxy)met...	10.052	93	384869	45.623	ng	99
29) 2,4-Dichlorophenol	10.299	162	279822	42.676	ng	98
30) 1,2,4-Trichlorobenzene	10.505	180	311683	41.126	ng	96
31) Naphthalene	10.687	128	920067	40.004	ng	100
32) Benzoic acid	9.987	122	172353	38.907	ng	97
33) 4-Chloroaniline	10.805	127	204456	22.632	ng	98
34) Hexachlorobutadiene	10.975	225	204135	39.698	ng	98
35) Caprolactam	11.604	113	89549	40.095	ng	93
36) 4-Chloro-3-methylphenol	11.940	107	327278	41.812	ng	99
37) 2-Methylnaphthalene	12.299	142	631192	39.359	ng	100
38) 1-Methylnaphthalene	12.516	142	607024	38.469	ng	96
40) 1,2,4,5-Tetrachloroben...	12.675	216	347603	42.663	ng	98
41) Hexachlorocyclopentadiene	12.652	237	399492	98.161	ng	98
43) 2,4,6-Trichlorophenol	12.916	196	229310	43.378	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.999	196	249393	42.415	ng	100
46) 1,1'-Biphenyl	13.310	154	833562	42.676	ng	100
47) 2-Chloronaphthalene	13.351	162	640371	41.900	ng	99
48) 2-Nitroaniline	13.563	65	239870	42.349	ng	98
49) Acenaphthylene	14.198	152	1065642	43.981	ng	100
50) Dimethylphthalate	13.940	163	813530	40.406	ng	99
51) 2,6-Dinitrotoluene	14.057	165	181267	42.239	ng	99
52) Acenaphthene	14.540	154	597015	40.634	ng	98
53) 3-Nitroaniline	14.393	138	126074	28.706	ng	98
54) 2,4-Dinitrophenol	14.604	184	216146	78.007	ng	97
55) Dibenzofuran	14.875	168	967684	40.968	ng	99
56) 4-Nitrophenol	14.716	139	295011	89.755	ng	96
57) 2,4-Dinitrotoluene	14.851	165	247703	41.474	ng	100
58) Fluorene	15.528	166	802181	40.757	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	215691	40.283	ng	98
60) Diethylphthalate	15.304	149	846952	41.086	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	414053	41.445	ng	98
62) 4-Nitroaniline	15.557	138	178019m	39.501	ng	
63) Azobenzene	15.816	77	858807	41.535	ng	99
65) 4,6-Dinitro-2-methylph...	15.622	198	140086	41.364	ng	96
66) n-Nitrosodiphenylamine	15.740	169	693251	43.984	ng	100
67) 4-Bromophenyl-phenylether	16.416	248	256576	43.673	ng	96
68) Hexachlorobenzene	16.540	284	289226	42.572	ng	97
69) Atrazine	16.698	200	254470	45.397	ng	98
70) Pentachlorophenol	16.892	266	341330	92.194	ng	99
71) Phenanthrene	17.275	178	1238860	41.748	ng	100
72) Anthracene	17.369	178	1238672	43.169	ng	100
73) Carbazole	17.639	167	1128108	44.050	ng	100
74) Di-n-butylphthalate	18.192	149	1444990	43.020	ng	99
75) Fluoranthene	19.245	202	1434749	40.854	ng	98
77) Benzidine	19.428	184	506085	51.059	ng	98
78) Pyrene	19.598	202	1473703	43.065	ng	100
80) Butylbenzylphthalate	20.469	149	644933	43.966	ng	99
81) Benzo(a)anthracene	21.310	228	1418576	42.067	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	440537	44.761	ng	99
83) Chrysene	21.363	228	1310833	40.708	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	948424	45.526	ng	99
85) Di-n-octyl phthalate	22.157	149	1561574	44.606	ng	99
87) Indeno(1,2,3-cd)pyrene	26.239	276	1398623	40.757	ng	99
88) Benzo(b)fluoranthene	22.998	252	1383260	47.003	ng	99
89) Benzo(k)fluoranthene	23.045	252	1331993	44.408	ng	99
90) Benzo(a)pyrene	23.622	252	1292977	52.482	ng	100
91) Dibenzo(a,h)anthracene	26.245	278	1253910	43.686	ng	98
92) Benzo(g,h,i)perylene	27.004	276	1233126	43.343	ng	97

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

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