Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031423\
Data File : BP014089.D
Acq On : 14 Mar 2023 18:52
Operator : CG/JU
Sample : PB151373BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB151373BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 04:34:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 04:15:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	144631	20.000	ng	0.00
21) Naphthalene-d8	10.892	136	516722	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	300790	20.000	ng	-0.01
64) Phenanthrene-d10	17.463	188	616513	20.000	ng	# 0.00
76) Chrysene-d12	21.545	240	531132	20.000	ng	0.00
86) Perylene-d12	24.074	264	533471	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	985827	110.540	ng	0.00
7) Phenol-d6	7.222	99	1254191	107.114	ng	0.00
23) Nitrobenzene-d5	9.240	82	820141	72.544	ng	-0.01
42) 2,4,6-Tribromophenol	16.198	330	479192	98.258	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1654152	71.249	ng	-0.01
79) Terphenyl-d14	19.998	244	2238246	69.488	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	188511	48.656	ng	96
3) Pyridine	3.881	79	472615	43.926	ng	98
4) n-Nitrosodimethylamine	3.787	42	214589	44.931	ng	99
6) Aniline	7.387	93	565837	36.789	ng	99
8) 2-Chlorophenol	7.628	128	464792	48.660	ng	95
9) Benzaldehyde	7.199	77	226169m	38.599	ng	
10) Phenol	7.251	94	598718	49.131	ng	97
11) bis(2-Chloroethyl)ether	7.487	93	477197	49.456	ng	99
12) 1,3-Dichlorobenzene	7.951	146	533937	50.869	ng	99
13) 1,4-Dichlorobenzene	8.104	146	539639	50.819	ng	99
14) 1,2-Dichlorobenzene	8.422	146	515764	50.710	ng	99
15) Benzyl Alcohol	8.310	79	453253	47.478	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.598	45	601227m	57.234	ng	
17) 2-Methylphenol	8.510	107	391569	45.054	ng	99
18) Hexachloroethane	9.157	117	207603	52.042	ng	95
19) n-Nitroso-di-n-propyla...	8.881	70	375238	48.688	ng	98
20) 3+4-Methylphenols	8.840	107	518247	44.276	ng	97
22) Acetophenone	8.898	105	719790	49.661	ng	99
24) Nitrobenzene	9.287	77	563643	48.726	ng	99
25) Isophorone	9.810	82	983775	47.226	ng	98
26) 2-Nitrophenol	9.998	139	244348	48.563	ng	98
27) 2,4-Dimethylphenol	10.051	122	404521	49.445	ng	100
28) bis(2-Chloroethoxy)met...	10.292	93	601457	49.885	ng	98
29) 2,4-Dichlorophenol	10.534	162	422231	47.147	ng	97
30) 1,2,4-Trichlorobenzene	10.751	180	491807	48.371	ng	99
31) Naphthalene	10.939	128	1366764	48.137	ng	99
32) Benzoic acid	10.198	122	253221	37.948	ng	95
33) 4-Chloroaniline	11.057	127	174436	14.331	ng	98
34) Hexachlorobutadiene	11.216	225	339128	45.877	ng	99
35) Caprolactam	11.845	113	117734	45.928	ng	88
36) 4-Chloro-3-methylphenol	12.163	107	464303	46.486	ng	98
37) 2-Methylnaphthalene	12.539	142	933288	44.555	ng	98
38) 1-Methylnaphthalene	12.757	142	868302	44.469	ng	98
40) 1,2,4,5-Tetrachloroben...	12.904	216	555707	48.469	ng	98
41) Hexachlorocyclopentadiene	12.881	237	828279	115.114	ng	99
43) 2,4,6-Trichlorophenol	13.145	196	341318	47.097	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.216	196	366346	43.624	ng		98
46)	1,1'-Biphenyl	13.539	154	1201969	49.645	ng		98
47)	2-Chloronaphthalene	13.586	162	940834	50.479	ng		99
48)	2-Nitroaniline	13.792	65	287574	50.841	ng		97
49)	Acenaphthylene	14.428	152	1426533	48.129	ng		99
50)	Dimethylphthalate	14.163	163	1137172	45.827	ng		99
51)	2,6-Dinitrotoluene	14.280	165	247219	47.309	ng		97
52)	Acenaphthene	14.769	154	850913	47.691	ng		99
53)	3-Nitroaniline	14.616	138	154660	30.199	ng		99
54)	2,4-Dinitrophenol	14.822	184	312232	80.561	ng		96
55)	Dibenzofuran	15.104	168	1372300	47.178	ng		99
56)	4-Nitrophenol	14.916	139	386752	92.739	ng		92
57)	2,4-Dinitrotoluene	15.069	165	334846	47.936	ng	#	99
58)	Fluorene	15.757	166	1082411	46.864	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.328	232	331444	45.241	ng		98
60)	Diethylphthalate	15.516	149	1128974	46.079	ng		100
61)	4-Chlorophenyl-phenyle...	15.745	204	583615	44.574	ng		99
62)	4-Nitroaniline	15.780	138	230765	45.253	ng		89
63)	Azobenzene	16.039	77	1149253	50.692	ng		96
65)	4,6-Dinitro-2-methylph...	15.833	198	195790	42.876	ng		95
66)	n-Nitrosodiphenylamine	15.963	169	926695	47.568	ng		99
67)	4-Bromophenyl-phenylether	16.645	248	363786	44.610	ng		98
68)	Hexachlorobenzene	16.763	284	421322	48.200	ng		99
69)	Atrazine	16.910	200	348594	50.966	ng		99
70)	Pentachlorophenol	17.110	266	520910	82.630	ng		98
71)	Phenanthrene	17.504	178	1638388	47.570	ng		100
72)	Anthracene	17.598	178	1664494	47.298	ng		99
73)	Carbazole	17.863	167	1459824	48.090	ng		99
74)	Di-n-butylphthalate	18.392	149	1870382	49.280	ng		99
75)	Fluoranthene	19.463	202	1882176	45.721	ng		98
77)	Benzidine	19.639	184	870084	85.562	ng		100
78)	Pyrene	19.810	202	1973535	48.411	ng		100
80)	Butylbenzylphthalate	20.668	149	767185	49.639	ng		98
81)	Benzo(a)anthracene	21.527	228	1822806	46.773	ng		100
82)	3,3'-Dichlorobenzidine	21.451	252	496116	39.785	ng		99
83)	Chrysene	21.580	228	1712758	46.409	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.421	149	1145936	50.541	ng		99
85)	Di-n-octyl phthalate	22.392	149	1853140	50.351	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.750	276	1965580	47.685	ng		98
88)	Benzo(b)fluoranthene	23.298	252	1739342	49.792	ng		99
89)	Benzo(k)fluoranthene	23.351	252	1728555	49.909	ng		99
90)	Benzo(a)pyrene	23.962	252	1494933	44.867	ng		99
91)	Dibenzo(a,h)anthracene	26.762	278	1633220	47.660	ng		99
92)	Benzo(g,h,i)perylene	27.562	276	1604021	47.232	ng		98

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

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