Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012323\
Data File : BP013560.D
Acq On : 23 Jan 2023 22:38
Operator : CG/JU
Sample : PB150338BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150338BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

Quant Time: Jan 24 05:51:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 04:44:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	354320	20.000	ng	0.00
21) Naphthalene-d8	10.993	136	1418931	20.000	ng	0.00
39) Acenaphthene-d10	14.798	164	755370	20.000	ng	0.00
64) Phenanthrene-d10	17.551	188	1259402	20.000	ng	0.00
76) Chrysene-d12	21.627	240	765289	20.000	ng	-0.01
86) Perylene-d12	24.215	264	845134	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	3290921	159.137	ng	0.00
7) Phenol-d6	7.311	99	4125316	148.220	ng	0.00
23) Nitrobenzene-d5	9.340	82	2258255	105.067	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	1166599	153.972	ng	0.00
45) 2-Fluorobiphenyl	13.428	172	5305849	96.417	ng	0.00
79) Terphenyl-d14	20.080	244	4735858	111.328	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	328303	39.380	ng	98
3) Pyridine	3.940	79	928850	37.531	ng	99
4) n-Nitrosodimethylamine	3.852	42	490285	43.816	ng	97
6) Aniline	7.475	93	1416697	37.891	ng	99
8) 2-Chlorophenol	7.722	128	1210023	53.026	ng	98
9) Benzaldehyde	7.287	77	516493m	29.304	ng	
10) Phenol	7.334	94	1483896	51.460	ng	99
11) bis(2-Chloroethyl)ether	7.575	93	1125307	47.726	ng	98
12) 1,3-Dichlorobenzene	8.052	146	1279030	50.684	ng	98
13) 1,4-Dichlorobenzene	8.199	146	1305330	51.013	ng	100
14) 1,2-Dichlorobenzene	8.522	146	1254564	50.635	ng	99
15) Benzyl Alcohol	8.399	79	957189	48.135	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.687	45	1535113	47.546	ng	99
17) 2-Methylphenol	8.599	107	991466	47.343	ng	98
18) Hexachloroethane	9.257	117	459711	53.750	ng	99
19) n-Nitroso-di-n-propyla...	8.975	70	812479	45.322	ng	98
20) 3+4-Methylphenols	8.928	107	1298107	47.093	ng	98
22) Acetophenone	8.993	105	1695136	46.568	ng	99
24) Nitrobenzene	9.381	77	1174588	50.826	ng	97
25) Isophorone	9.904	82	2229182	43.726	ng	98
26) 2-Nitrophenol	10.093	139	479953	54.335	ng	98
27) 2,4-Dimethylphenol	10.146	122	1100370	50.000	ng	99
28) bis(2-Chloroethoxy)met...	10.387	93	1452928	47.292	ng	100
29) 2,4-Dichlorophenol	10.634	162	1060718	52.399	ng	98
30) 1,2,4-Trichlorobenzene	10.851	180	1147516	49.673	ng	99
31) Naphthalene	11.046	128	3550761	46.547	ng	99
32) Benzoic acid	10.281	122	547669	50.725	ng	98
33) 4-Chloroaniline	11.146	127	434328	12.868	ng	99
34) Hexachlorobutadiene	11.328	225	661180	49.181	ng	99
35) Caprolactam	11.922	113	281183	42.845	ng	96
36) 4-Chloro-3-methylphenol	12.251	107	1050134	47.634	ng	98
37) 2-Methylnaphthalene	12.640	142	2405421	44.362	ng	99
38) 1-Methylnaphthalene	12.857	142	2228959	43.748	ng	100
40) 1,2,4,5-Tetrachloroben...	12.998	216	1190379	51.187	ng	99
41) Hexachlorocyclopentadiene	12.981	237	1593475	128.052	ng	98
43) 2,4,6-Trichlorophenol	13.234	196	746966	54.880	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.304	196	815066	50.677	ng		98
46)	1,1'-Biphenyl	13.634	154	2999379	49.442	ng		99
47)	2-Chloronaphthalene	13.681	162	2272013	49.991	ng		99
48)	2-Nitroaniline	13.875	65	542316	47.754	ng		94
49)	Acenaphthylene	14.522	152	3520247	47.363	ng		99
50)	Dimethylphthalate	14.251	163	2563777	45.659	ng		100
51)	2,6-Dinitrotoluene	14.363	165	524246	47.807	ng		95
52)	Acenaphthene	14.863	154	2323394	50.606	ng		99
53)	3-Nitroaniline	14.692	138	322120	28.179	ng	#	96
54)	2,4-Dinitrophenol	14.898	184	376805	86.997	ng		95
55)	Dibenzofuran	15.198	168	3235217	45.954	ng		98
56)	4-Nitrophenol	14.987	139	843974	88.170	ng		94
57)	2,4-Dinitrotoluene	15.151	165	641219	49.130	ng		89
58)	Fluorene	15.845	166	2501873	44.711	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.416	232	620996	50.284	ng		98
60)	Diethylphthalate	15.610	149	2377658	43.355	ng		99
61)	4-Chlorophenyl-phenyle...	15.834	204	1240658	45.091	ng		99
62)	4-Nitroaniline	15.857	138	483695	40.895	ng		95
63)	Azobenzene	16.128	77	2316816	43.475	ng		98
65)	4,6-Dinitro-2-methylph...	15.910	198	227310	53.825	ng		97
66)	n-Nitrosodiphenylamine	16.045	169	2118262	51.576	ng		99
67)	4-Bromophenyl-phenylether	16.734	248	715303	51.275	ng		98
68)	Hexachlorobenzene	16.851	284	815401	54.112	ng		99
69)	Atrazine	16.998	200	603677	51.372	ng		98
70)	Pentachlorophenol	17.192	266	841670	83.443	ng		99
71)	Phenanthrene	17.592	178	3366600	48.045	ng		100
72)	Anthracene	17.686	178	3380677	47.536	ng		99
73)	Carbazole	17.945	167	2836354	44.379	ng		100
74)	Di-n-butylphthalate	18.486	149	3166555	44.516	ng		100
75)	Fluoranthene	19.539	202	3030329	40.667	ng		100
77)	Benzidine	19.710	184	1175168	61.056	ng		99
78)	Pyrene	19.892	202	3117771	53.280	ng		100
80)	Butylbenzylphthalate	20.751	149	988666	53.065	ng		98
81)	Benzo(a)anthracene	21.610	228	2564945	48.109	ng		100
82)	3,3'-Dichlorobenzidine	21.533	252	550166	32.027	ng		99
83)	Chrysene	21.669	228	2450423	48.054	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.522	149	1432520	48.043	ng		100
85)	Di-n-octyl phthalate	22.510	149	2340230	48.682	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.962	276	3615834	58.085	ng		100
88)	Benzo(b)fluoranthene	23.421	252	2605613	50.117	ng		99
89)	Benzo(k)fluoranthene	23.474	252	2676653	50.476	ng		99
90)	Benzo(a)pyrene	24.104	252	2349640	46.589	ng		99
91)	Dibenzo(a,h)anthracene	26.980	278	3053337	58.476	ng		99
92)	Benzo(g,h,i)perylene	27.804	276	3006112	58.980	ng		99

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

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