Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012623\
Data File : BP013605.D
Acq On : 26 Jan 2023 21:11
Operator : CG/JU
Sample : PB150378BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB150378BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2023
Supervised By :Jagrut Upadhyay 01/27/2023

Quant Time: Jan 27 04:17:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 03:27:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.157	152	202611	20.000	ng		0.00
21) Naphthalene-d8	10.987	136	772433	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	466876	20.000	ng		0.00
64) Phenanthrene-d10	17.545	188	924452	20.000	ng		0.00
76) Chrysene-d12	21.627	240	658671	20.000	ng		0.00
86) Perylene-d12	24.215	264	768932	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.687	112	1657555	146.600	ng		0.00
7) Phenol-d6	7.305	99	2073870	135.778	ng		0.00
23) Nitrobenzene-d5	9.334	82	1195217	85.023	ng		0.00
42) 2,4,6-Tribromophenol	16.281	330	834246	117.365	ng		0.00
45) 2-Fluorobiphenyl	13.422	172	2886729	88.308	ng		0.00
79) Terphenyl-d14	20.080	244	3445776	92.315	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.528	88	189673	38.048	ng		98
3) Pyridine	3.940	79	491480	34.684	ng		100
4) n-Nitrosodimethylamine	3.846	42	239499	43.246	ng		97
6) Aniline	7.475	93	702052	34.682	ng		100
8) 2-Chlorophenol	7.716	128	606378	50.521	ng		100
9) Benzaldehyde	7.281	77	142179m	12.536	ng		
10) Phenol	7.328	94	765814	47.865	ng		99
11) bis(2-Chloroethyl)ether	7.569	93	598712	45.187	ng		99
12) 1,3-Dichlorobenzene	8.046	146	665970	48.068	ng		98
13) 1,4-Dichlorobenzene	8.193	146	668558	47.587	ng		99
14) 1,2-Dichlorobenzene	8.516	146	643137	48.622	ng		98
15) Benzyl Alcohol	8.393	79	520114	43.853	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.687	45	683535	45.780	ng		98
17) 2-Methylphenol	8.593	107	511876	44.336	ng		98
18) Hexachloroethane	9.251	117	234202	46.531	ng		97
19) n-Nitroso-di-n-propyla...	8.969	70	418185	42.130	ng		98
20) 3+4-Methylphenols	8.922	107	683689	43.213	ng		98
22) Acetophenone	8.987	105	855927	43.900	ng	#	100
24) Nitrobenzene	9.375	77	633936	43.089	ng		97
25) Isophorone	9.904	82	1254313	40.734	ng		99
26) 2-Nitrophenol	10.087	139	276992	43.828	ng		96
27) 2,4-Dimethylphenol	10.140	122	533324	45.586	ng		99
28) bis(2-Chloroethoxy)met...	10.381	93	765370	43.685	ng		98
29) 2,4-Dichlorophenol	10.628	162	599293	45.519	ng		98
30) 1,2,4-Trichlorobenzene	10.845	180	665217	45.573	ng		98
31) Naphthalene	11.040	128	1697816	43.256	ng		100
32) Benzoic acid	10.275	122	349104	40.933	ng		95
33) 4-Chloroaniline	11.140	127	283680	16.648	ng		99
34) Hexachlorobutadiene	11.322	225	437272	44.554	ng		98
35) Caprolactam	11.928	113	143805	38.094	ng		97
36) 4-Chloro-3-methylphenol	12.245	107	578062	41.417	ng		99
37) 2-Methylnaphthalene	12.634	142	1200409	40.017	ng		98
38) 1-Methylnaphthalene	12.851	142	1116182	39.755	ng		98
40) 1,2,4,5-Tetrachloroben...	12.998	216	764308	46.990	ng		99
41) Hexachlorocyclopentadiene	12.975	237	906799	107.907	ng		99
43) 2,4,6-Trichlorophenol	13.228	196	504679	46.372	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.298	196	531788	41.782	ng	99
46) 1,1'-Biphenyl	13.628	154	1578201	45.363	ng	98
47) 2-Chloronaphthalene	13.675	162	1220930	45.985	ng	99
48) 2-Nitroaniline	13.869	65	220532	35.715	ng	98
49) Acenaphthylene	14.516	152	1901160	43.413	ng	99
50) Dimethylphthalate	14.245	163	1497432	41.292	ng	100
51) 2,6-Dinitrotoluene	14.363	165	286685	39.426	ng	95
52) Acenaphthene	14.857	154	1318897m	47.056	ng	
53) 3-Nitroaniline	14.692	138	179090	26.610	ng	98
54) 2,4-Dinitrophenol	14.892	184	352095	79.014	ng	99
55) Dibenzofuran	15.192	168	1841500	41.950	ng	99
56) 4-Nitrophenol	14.986	139	464962	78.656	ng	95
57) 2,4-Dinitrotoluene	15.145	165	371553	38.169	ng	98
58) Fluorene	15.839	166	1369974	40.811	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.410	232	457566	41.499	ng	99
60) Diethylphthalate	15.604	149	1352521	40.840	ng	100
61) 4-Chlorophenyl-phenyle...	15.828	204	780459	41.173	ng	98
62) 4-Nitroaniline	15.857	138	229136	35.385	ng	95
63) Azobenzene	16.122	77	1348814	39.972	ng	99
65) 4,6-Dinitro-2-methylph...	15.910	198	199231	40.081	ng	97
66) n-Nitrosodiphenylamine	16.045	169	1211863	47.580	ng	99
67) 4-Bromophenyl-phenylether	16.728	248	504352	47.332	ng	99
68) Hexachlorobenzene	16.845	284	578429	49.663	ng	99
69) Atrazine	16.992	200	364924	46.870	ng	99
70) Pentachlorophenol	17.186	266	715618	79.060	ng	99
71) Phenanthrene	17.592	178	2142594	45.190	ng	100
72) Anthracene	17.680	178	2119914	44.250	ng	100
73) Carbazole	17.945	167	1784620	41.804	ng	99
74) Di-n-butylphthalate	18.480	149	1566787	40.570	ng	99
75) Fluoranthene	19.539	202	2266172	38.321	ng	100
77) Benzidine	19.710	184	304144	44.042	ng	98
78) Pyrene	19.892	202	2303173	45.181	ng	99
80) Butylbenzylphthalate	20.751	149	247836	36.769	ng	98
81) Benzo(a)anthracene	21.610	228	2097464	45.221	ng	100
82) 3,3'-Dichlorobenzidine	21.533	252	397027	35.788	ng	97
83) Chrysene	21.668	228	1950160	44.748	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	406009	39.318	ng	100
85) Di-n-octyl phthalate	22.504	149	778445	45.569	ng	100
87) Indeno(1,2,3-cd)pyrene	26.956	276	3061783	56.638	ng	99
88) Benzo(b)fluoranthene	23.421	252	2267944	45.941	ng	98
89) Benzo(k)fluoranthene	23.474	252	2249397	45.899	ng	99
90) Benzo(a)pyrene	24.104	252	2057805	44.288	ng	99
91) Dibenzo(a,h)anthracene	26.980	278	2574814	57.241	ng	100
92) Benzo(g,h,i)perylene	27.798	276	2556809	57.729	ng	98

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

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