Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
Data File : BP008686.D
Acq On : 05 Jan 2022 11:36
Operator : CG/JU
Sample : PB141796BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB141796BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/06/2022
Supervised By :Jagrut Upadhyay 01/06/2022

Quant Time: Jan 06 03:00:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	479606	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	1942983	20.000	ng		-0.01
39) Acenaphthene-d10	14.522	164	1348203	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2895915	20.000	ng		0.00
76) Chrysene-d12	21.357	240	2712981	20.000	ng		0.00
86) Perylene-d12	23.780	264	2505919	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	3632342	138.238	ng		0.00
7) Phenol-d6	7.063	99	4528415	123.816	ng		0.00
23) Nitrobenzene-d5	9.046	82	2685238	82.214	ng		-0.01
42) 2,4,6-Tribromophenol	16.016	330	2763479	151.501	ng		0.00
45) 2-Fluorobiphenyl	13.146	172	7563861	81.283	ng		-0.01
79) Terphenyl-d14	19.828	244	11672176	87.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	342113	32.229	ng		100
3) Pyridine	3.770	79	822667	28.411	ng		99
4) n-Nitrosodimethylamine	3.675	42	414961	44.382	ng		99
6) Aniline	7.211	93	1005487	23.654	ng		99
8) 2-Chlorophenol	7.452	128	1468727	47.452	ng		100
9) Benzaldehyde	7.022	77	783962	37.662	ng		99
10) Phenol	7.093	94	1704572	46.166	ng		99
11) bis(2-Chloroethyl)ether	7.311	93	1237933	41.571	ng		99
12) 1,3-Dichlorobenzene	7.775	146	1520524	41.968	ng		100
13) 1,4-Dichlorobenzene	7.922	146	1562336	42.395	ng		99
14) 1,2-Dichlorobenzene	8.240	146	1512820	42.020	ng		99
15) Benzyl Alcohol	8.128	79	1174269	44.825	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.422	45	1298798	38.329	ng		98
17) 2-Methylphenol	8.340	107	1181916	46.000	ng		99
18) Hexachloroethane	8.969	117	514245	42.801	ng		95
19) n-Nitroso-di-n-propyla...	8.699	70	914363	39.149	ng		98
20) 3+4-Methylphenols	8.669	107	1600065	44.328	ng		99
22) Acetophenone	8.710	105	1982918	42.560	ng	#	99
24) Nitrobenzene	9.087	77	1377851	44.295	ng		100
25) Isophorone	9.622	82	2517321	41.258	ng		99
26) 2-Nitrophenol	9.799	139	800816	54.203	ng		99
27) 2,4-Dimethylphenol	9.869	122	1339240	50.235	ng		99
28) bis(2-Chloroethoxy)met...	10.099	93	1645088	38.943	ng		99
29) 2,4-Dichlorophenol	10.340	162	1524693	47.254	ng		99
30) 1,2,4-Trichlorobenzene	10.552	180	1599865	42.049	ng		99
31) Naphthalene	10.740	128	4244350	42.086	ng		100
32) Benzoic acid	10.040	122	938834	55.755	ng		99
33) 4-Chloroaniline	10.846	127	564936	13.064	ng		99
34) Hexachlorobutadiene	11.034	225	975152	42.217	ng		99
35) Caprolactam	11.651	113	470673	44.380	ng		99
36) 4-Chloro-3-methylphenol	11.981	107	1456995	45.174	ng		99
37) 2-Methylnaphthalene	12.346	142	3245234	42.751	ng		99
38) 1-Methylnaphthalene	12.569	142	3009957	40.556	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	1892674	44.561	ng		99
41) Hexachlorocyclopentadiene	12.704	237	2283871	101.118	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	1315378	47.599	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	1432645	46.953	ng	99
46) 1,1'-Biphenyl	13.357	154	4326919	43.391	ng	99
47) 2-Chloronaphthalene	13.398	162	3309702	42.350	ng	100
48) 2-Nitroaniline	13.598	65	806155	47.055	ng	95
49) Acenaphthylene	14.240	152	5198051	43.301	ng	99
50) Dimethylphthalate	13.981	163	4288331	41.298	ng	100
51) 2,6-Dinitrotoluene	14.093	165	980578	46.020	ng	99
52) Acenaphthene	14.587	154	3649362m	46.463	ng	
53) 3-Nitroaniline	14.422	138	458802	20.688	ng	98
54) 2,4-Dinitrophenol	14.628	184	995754	104.922	ng	99
55) Dibenzofuran	14.922	168	5111023	40.591	ng	100
56) 4-Nitrophenol	14.745	139	1610167	92.201	ng	96
57) 2,4-Dinitrotoluene	14.881	165	1364944	48.009	ng	99
58) Fluorene	15.569	166	4106656	41.853	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	1271388m	46.510	ng	
60) Diethylphthalate	15.345	149	4177781	41.159	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	2239725	40.976	ng	100
62) 4-Nitroaniline	15.587	138	938706	41.678	ng	97
63) Azobenzene	15.857	77	3274228	39.968	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	689751	47.367	ng	98
66) n-Nitrosodiphenylamine	15.781	169	3740918	42.803	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	1503916	47.461	ng	99
68) Hexachlorobenzene	16.581	284	1767439	45.439	ng	98
69) Atrazine	16.734	200	1431050	43.773	ng	99
70) Pentachlorophenol	16.928	266	2160662	101.986	ng	100
71) Phenanthrene	17.316	178	6682828	42.803	ng	99
72) Anthracene	17.404	178	6785168	44.602	ng	100
73) Carbazole	17.675	167	6111675	40.932	ng	100
74) Di-n-butylphthalate	18.228	149	7179040	43.947	ng	99
75) Fluoranthene	19.280	202	7933644	44.177	ng	98
77) Benzidine	19.451	184	1723083	21.140	ng	98
78) Pyrene	19.628	202	8006050	45.361	ng	99
80) Butylbenzylphthalate	20.504	149	3259556	46.303	ng	96
81) Benzo(a)anthracene	21.339	228	7427063	42.199	ng	99
82) 3,3'-Dichlorobenzidine	21.269	252	1901407	29.382	ng	99
83) Chrysene	21.392	228	7095106	43.112	ng	99
84) Bis(2-ethylhexyl)phtha...	21.269	149	4647069	43.699	ng	99
85) Di-n-octyl phthalate	22.198	149	7840736	47.634	ng	99
87) Indeno(1,2,3-cd)pyrene	26.315	276	7309252	43.423	ng	98
88) Benzo(b)fluoranthene	23.045	252	7591378	47.106	ng	99
89) Benzo(k)fluoranthene	23.092	252	6827613	42.618	ng	99
90) Benzo(a)pyrene	23.674	252	6805717	52.385	ng	99
91) Dibenzo(a,h)anthracene	26.333	278	6271111	44.163	ng	98
92) Benzo(g,h,i)perylene	27.092	276	5986596	45.086	ng	98

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

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