Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112521\
Data File : BP008130.D
Acq On : 24 Nov 2021 23:25
Operator : CG/JU
Sample : PB140976BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB140976BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 26 06:31:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 01:13:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.816	152	151050	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	584400	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	357308	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	690089	20.000	ng		0.00
76) Chrysene-d12	21.316	240	578262	20.000	ng		0.00
86) Perylene-d12	23.704	264	558158	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	1136709	121.166	ng		0.00
7) Phenol-d6	6.999	99	1447486	114.297	ng		0.00
23) Nitrobenzene-d5	8.981	82	981234	76.352	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	487311	106.703	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	1910213	77.654	ng		0.00
79) Terphenyl-d14	19.780	244	2438735	88.139	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	131663	30.082	ng		99
3) Pyridine	3.717	79	341094	29.199	ng		99
4) n-Nitrosodimethylamine	3.622	42	203211	41.706	ng		99
6) Aniline	7.146	93	647905	43.644	ng		98
8) 2-Chlorophenol	7.387	128	432718	45.058	ng		96
9) Benzaldehyde	6.958	77	292560	41.918	ng		97
10) Phenol	7.028	94	568360	43.673	ng		97
11) bis(2-Chloroethyl)ether	7.246	93	446456	42.920	ng		100
12) 1,3-Dichlorobenzene	7.705	146	455864	41.124	ng		98
13) 1,4-Dichlorobenzene	7.852	146	469630	41.786	ng		97
14) 1,2-Dichlorobenzene	8.169	146	451467	40.392	ng		99
15) Benzyl Alcohol	8.063	79	438740	43.725	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.352	45	676458	43.099	ng		99
17) 2-Methylphenol	8.269	107	373182	44.077	ng		98
18) Hexachloroethane	8.893	117	179565	42.969	ng		98
19) n-Nitroso-di-n-propyla...	8.628	70	348146	39.729	ng		99
20) 3+4-Methylphenols	8.599	107	495357	42.392	ng		100
22) Acetophenone	8.646	105	639026	39.977	ng	#	98
24) Nitrobenzene	9.022	77	532982	42.764	ng		97
25) Isophorone	9.552	82	919468	40.895	ng		99
26) 2-Nitrophenol	9.728	139	231772	43.102	ng		98
27) 2,4-Dimethylphenol	9.799	122	380890	47.363	ng		95
28) bis(2-Chloroethoxy)met...	10.028	93	571044	39.851	ng		99
29) 2,4-Dichlorophenol	10.269	162	408238	42.504	ng		98
30) 1,2,4-Trichlorobenzene	10.481	180	455355	40.846	ng		97
31) Naphthalene	10.663	128	1223057	40.854	ng		99
32) Benzoic acid	9.981	122	271058	41.204	ng		98
33) 4-Chloroaniline	10.775	127	410201	33.028	ng		98
34) Hexachlorobutadiene	10.951	225	309569	40.577	ng		98
35) Caprolactam	11.587	113	119324m	55.928	ng		
36) 4-Chloro-3-methylphenol	11.916	107	433813	39.510	ng		98
37) 2-Methylnaphthalene	12.281	142	872968	41.229	ng		99
38) 1-Methylnaphthalene	12.498	142	798445	38.741	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	502459	43.291	ng		99
41) Hexachlorocyclopentadiene	12.628	237	578513	129.645	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	329105	41.851	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	357984	42.484	ng	98
46) 1,1'-Biphenyl	13.293	154	1076052	41.508	ng	98
47) 2-Chloronaphthalene	13.334	162	864448	42.224	ng	99
48) 2-Nitroaniline	13.540	65	296489	42.026	ng	95
49) Acenaphthylene	14.181	152	1331107	42.145	ng	99
50) Dimethylphthalate	13.922	163	1061205	39.551	ng	100
51) 2,6-Dinitrotoluene	14.040	165	237301	42.615	ng	99
52) Acenaphthene	14.522	154	775602	41.206	ng	99
53) 3-Nitroaniline	14.369	138	183424	32.503	ng	99
54) 2,4-Dinitrophenol	14.587	184	280066	85.065	ng	98
55) Dibenzofuran	14.857	168	1267045	39.392	ng	100
56) 4-Nitrophenol	14.698	139	351986	81.375	ng	96
57) 2,4-Dinitrotoluene	14.834	165	314034	41.094	ng	100
58) Fluorene	15.510	166	941855	36.041	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	293681m	39.194	ng	
60) Diethylphthalate	15.292	149	1025739	38.524	ng	99
61) 4-Chlorophenyl-phenyle...	15.504	204	511197	35.663	ng	99
62) 4-Nitroaniline	15.539	138	218632	37.336	ng	96
63) Azobenzene	15.798	77	1079930	39.652	ng	99
65) 4,6-Dinitro-2-methylph...	15.604	198	177484	39.321	ng	99
66) n-Nitrosodiphenylamine	15.722	169	857688	42.906	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	325331	42.396	ng	98
68) Hexachlorobenzene	16.522	284	356170	43.421	ng	99
69) Atrazine	16.686	200	324389	62.527	ng	97
70) Pentachlorophenol	16.869	266	417427	85.580	ng	99
71) Phenanthrene	17.257	178	1499752	41.162	ng	99
72) Anthracene	17.351	178	1534726	42.444	ng	100
73) Carbazole	17.622	167	1341857	38.016	ng	100
74) Di-n-butylphthalate	18.180	149	1693725	38.332	ng	99
75) Fluoranthene	19.233	202	1737408	35.397	ng	99
77) Benzidine	19.410	184	920802	116.085	ng	98
78) Pyrene	19.586	202	1772248	48.882	ng	100
80) Butylbenzylphthalate	20.463	149	715439	43.448	ng	99
81) Benzo(a)anthracene	21.298	228	1584905	41.355	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	549608	30.438	ng	98
83) Chrysene	21.351	228	1552424	42.568	ng	100
84) Bis(2-ethylhexyl)phtha...	21.227	149	996781	39.869	ng	99
85) Di-n-octyl phthalate	22.151	149	1784417	42.015	ng	100
87) Indeno(1,2,3-cd)pyrene	26.204	276	1722488	42.419	ng	100
88) Benzo(b)fluoranthene	22.980	252	1601459	47.594	ng	100
89) Benzo(k)fluoranthene	23.027	252	1471201	44.660	ng	100
90) Benzo(a)pyrene	23.604	252	1506719	52.392	ng	99
91) Dibenzo(a,h)anthracene	26.221	278	1468037	43.531	ng	99
92) Benzo(g,h,i)perylene	26.968	276	1492900	43.881	ng	99

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

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