Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007826.D
Acq On : 03 Nov 2021 17:04
Operator : CG/JU
Sample : M4427-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-BH-6-20211029-7.5-8MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 04 07:28:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.916	152	180836	20.00	ng		0.00
21) Naphthalene-d8	10.722	136	772913	20.00	ng		0.00
39) Acenaphthene-d10	14.557	164	554714	20.00	ng		0.00
64) Phenanthrene-d10	17.316	188	1231128	20.00	ng		0.00
76) Chrysene-d12	21.410	240	1430616	20.00	ng		0.00
86) Perylene-d12	23.845	264	1509574	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1265307	118.66	ng		0.00
7) Phenol-d6	7.093	99	1637795	106.12	ng		0.00
23) Nitrobenzene-d5	9.081	82	982550	68.29	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	809187	102.21	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	2412486	63.33	ng		-0.01
79) Terphenyl-d14	19.881	244	4088348	58.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	147642	39.87	ng		97
3) Pyridine	3.787	79	437661m	36.99	ng		
4) n-Nitrosodimethylamine	3.693	42	219502	43.38	ng	#	98
6) Aniline	7.246	93	596138	34.29	ng		99
8) 2-Chlorophenol	7.487	128	594859	50.62	ng		96
9) Benzaldehyde	7.052	77	355027	42.30	ng		100
10) Phenol	7.117	94	753524	51.13	ng		96
11) bis(2-Chloroethyl)ether	7.340	93	528364	44.91	ng		96
12) 1,3-Dichlorobenzene	7.811	146	596901	45.67	ng		98
13) 1,4-Dichlorobenzene	7.958	146	612668	45.88	ng		98
14) 1,2-Dichlorobenzene	8.275	146	590257	45.74	ng		98
15) Benzyl Alcohol	8.164	79	550024	47.07	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.452	45	620241	44.98	ng		98
17) 2-Methylphenol	8.369	107	512848	50.32	ng		99
18) Hexachloroethane	9.005	117	222075	48.09	ng		93
19) n-Nitroso-di-n-propyla...	8.734	70	405515	42.93	ng		95
20) 3+4-Methylphenols	8.699	107	726844	50.70	ng		99
22) Acetophenone	8.746	105	842928	43.28	ng	#	97
24) Nitrobenzene	9.122	77	624466	45.61	ng		96
25) Isophorone	9.652	82	1159612	44.35	ng		99
26) 2-Nitrophenol	9.834	139	328795	47.42	ng		96
27) 2,4-Dimethylphenol	9.899	122	590331	55.40	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	732255	42.44	ng		99
29) 2,4-Dichlorophenol	10.375	162	631269	49.27	ng		97
30) 1,2,4-Trichlorobenzene	10.587	180	613602	43.06	ng		100
31) Naphthalene	10.775	128	1806010	46.19	ng		99
32) Benzoic acid	10.058	122	464991	50.62	ng		98
33) 4-Chloroaniline	10.881	127	348888	20.26	ng		98
34) Hexachlorobutadiene	11.069	225	399323	42.68	ng		99
35) Caprolactam	11.675	113	221007m	49.42	ng		
36) 4-Chloro-3-methylphenol	12.016	107	705273	48.73	ng		99
37) 2-Methylnaphthalene	12.381	142	1365089	47.33	ng		99
38) 1-Methylnaphthalene	12.604	142	1267486	44.86	ng		100
40) 1,2,4,5-Tetrachloroben...	12.752	216	740515	42.58	ng		99
41) Hexachlorocyclopentadiene	12.740	237	537037	57.66	ng		98
43) 2,4,6-Trichlorophenol	12.993	196	555783	45.76	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	617018	46.90	ng		97
46) 1,1'-Biphenyl	13.393	154	1727124	43.12	ng		98
47) 2-Chloronaphthalene	13.434	162	1360703	43.72	ng		99
48) 2-Nitroaniline	13.634	65	436249	48.71	ng		98
49) Acenaphthylene	14.281	152	2244004	45.91	ng		99
50) Dimethylphthalate	14.022	163	1889889	44.14	ng		100
51) 2,6-Dinitrotoluene	14.134	165	424444	47.94	ng		95
52) Acenaphthene	14.622	154	1330906	45.08	ng		100
53) 3-Nitroaniline	14.463	138	337735	35.75	ng	#	97
54) 2,4-Dinitrophenol	14.675	184	533494	98.01	ng		92
55) Dibenzofuran	14.963	168	2106353	42.18	ng		100
56) 4-Nitrophenol	14.781	139	795678	99.17	ng		94
57) 2,4-Dinitrotoluene	14.922	165	596164	48.91	ng		92
58) Fluorene	15.610	166	1684424	44.47	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	530081	44.76	ng	#	91
60) Diethylphthalate	15.393	149	1865050	44.87	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	880324	42.55	ng		99
62) 4-Nitroaniline	15.634	138	429617	44.78	ng		95
63) Azobenzene	15.898	77	1559794	44.46	ng		99
65) 4,6-Dinitro-2-methylph...	15.693	198	331355	41.10	ng		90
66) n-Nitrosodiphenylamine	15.822	169	1545655	44.10	ng		99
67) 4-Bromophenyl-phenylether	16.504	248	588775	43.20	ng		99
68) Hexachlorobenzene	16.622	284	672079	44.19	ng		97
69) Atrazine	16.781	200	621364	46.30	ng		98
70) Pentachlorophenol	16.969	266	915038	93.55	ng		97
71) Phenanthrene	17.357	178	3023956	46.72	ng		99
72) Anthracene	17.451	178	2992163	46.98	ng		99
73) Carbazole	17.722	167	2773273	43.80	ng		99
74) Di-n-butylphthalate	18.281	149	3438443	47.69	ng		99
75) Fluoranthene	19.328	202	3930937	48.15	ng		98
77) Benzidine	19.504	184	1112638	30.86	ng		99
78) Pyrene	19.681	202	4088145	46.59	ng		99
80) Butylbenzylphthalate	20.557	149	1745183	47.32	ng		97
81) Benzo(a)anthracene	21.392	228	4335342	46.00	ng		99
82) 3,3'-Dichlorobenzidine	21.322	252	1112662	35.16	ng		99
83) Chrysene	21.451	228	4166156	46.69	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	2568625	48.57	ng		98
85) Di-n-octyl phthalate	22.263	149	4808002	50.54	ng		96
87) Indeno(1,2,3-cd)pyrene	26.404	276	4520420	40.17	ng		97
88) Benzo(b)fluoranthene	23.104	252	4806136	54.01	ng		98
89) Benzo(k)fluoranthene	23.157	252	4252272	48.15	ng		99
90) Benzo(a)pyrene	23.745	252	4407188	57.20	ng		98
91) Dibenzo(a,h)anthracene	26.416	278	3808321	40.83	ng		98
92) Benzo(g,h,i)perylene	27.186	276	3681626	39.79	ng		97

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

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