Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007026.D
Acq On : 17 Sep 2021 14:59
Operator : CG/JU
Sample : PB139165BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB139165BS

Manual Integrations APPROVED
mohammad
9/20/2021 4:21:28 PM

Quant Time: Sep 17 15:28:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 10:50:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	327342	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1332958	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	832448	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1709730	20.000	ng	#	0.00
76) Chrysene-d12	21.363	240	1757755	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1778300	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2579377	128.671	ng		0.00
7) Phenol-d6	7.075	99	3186952	116.476	ng		0.00
23) Nitrobenzene-d5	9.069	82	1796645	75.702	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1194598	119.327	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	4302516	71.352	ng		0.00
79) Terphenyl-d14	19.839	244	6732684	73.488	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	286862	32.680	ng	#	87
3) Pyridine	3.775	79	732366	32.449	ng	#	86
4) n-Nitrosodimethylamine	3.687	42	352034	42.459	ng	#	81
6) Aniline	7.234	93	1241619	42.114	ng		100
8) 2-Chlorophenol	7.475	128	933968	41.568	ng		97
9) Benzaldehyde	7.046	77	555284m	44.485	ng		
10) Phenol	7.099	94	1186255	43.008	ng		92
11) bis(2-Chloroethyl)ether	7.334	93	878211	41.307	ng		95
12) 1,3-Dichlorobenzene	7.799	146	996861	39.599	ng		97
13) 1,4-Dichlorobenzene	7.946	146	1025885	40.193	ng		98
14) 1,2-Dichlorobenzene	8.263	146	980830	40.131	ng		98
15) Benzyl Alcohol	8.152	79	752303	42.630	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1052155	42.332	ng		89
17) 2-Methylphenol	8.352	107	773362	43.650	ng		93
18) Hexachloroethane	8.993	117	345930	40.809	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	599193	39.888	ng		99
20) 3+4-Methylphenols	8.681	107	1036482	43.221	ng		95
22) Acetophenone	8.734	105	1322261	39.331	ng	#	99
24) Nitrobenzene	9.110	77	945912	38.204	ng		99
25) Isophorone	9.640	82	1626333	37.071	ng		99
26) 2-Nitrophenol	9.822	139	441532	41.131	ng	#	89
27) 2,4-Dimethylphenol	9.881	122	852297	45.120	ng		94
28) bis(2-Chloroethoxy)met...	10.122	93	1105487	41.531	ng		99
29) 2,4-Dichlorophenol	10.352	162	865053	40.085	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	913502	37.225	ng		98
31) Naphthalene	10.757	128	2742217	37.128	ng		99
32) Benzoic acid	10.016	122	492781	36.687	ng		95
33) 4-Chloroaniline	10.869	127	847281	29.546	ng		99
34) Hexachlorobutadiene	11.052	225	527117	36.475	ng		99
35) Caprolactam	11.657	113	259105m	43.633	ng		
36) 4-Chloro-3-methylphenol	11.987	107	889504	40.859	ng		99
37) 2-Methylnaphthalene	12.369	142	1973177	37.684	ng		96
38) 1-Methylnaphthalene	12.369	142	1973177	39.908	ng		97
40) 1,2,4,5-Tetrachloroben...	12.734	216	1002862	37.856	ng		98
41) Hexachlorocyclopentadiene	12.716	237	1217096	92.488	ng		98
43) 2,4,6-Trichlorophenol	12.969	196	676512	39.504	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	750391	39.769	ng		96
46) 1,1'-Biphenyl	13.375	154	2375606	36.585	ng		99
47) 2-Chloronaphthalene	13.416	162	1907651	37.286	ng		98
48) 2-Nitroaniline	13.616	65	509424	43.455	ng		96
49) Acenaphthylene	14.257	152	3037699	39.181	ng		100
50) Dimethylphthalate	13.998	163	2382363	39.210	ng		100
51) 2,6-Dinitrotoluene	14.110	165	516028	39.026	ng		98
52) Acenaphthene	14.598	154	1821368	37.117	ng		99
53) 3-Nitroaniline	14.440	138	442907	33.509	ng		98
54) 2,4-Dinitrophenol	14.645	184	577949	82.429	ng		93
55) Dibenzofuran	14.934	168	2907382	36.579	ng		96
56) 4-Nitrophenol	14.745	139	1003108	89.421	ng	#	84
57) 2,4-Dinitrotoluene	14.898	165	712947	42.127	ng		94
58) Fluorene	15.581	166	2354466	37.954	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	635216m	39.140	ng		
60) Diethylphthalate	15.357	149	2323891	39.770	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1180707	37.946	ng		93
62) 4-Nitroaniline	15.604	138	570416	42.930	ng	#	81
63) Azobenzene	15.869	77	2115917	39.100	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	360863	34.805	ng		93
66) n-Nitrosodiphenylamine	15.792	169	2065278	37.956	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	714511	37.806	ng		94
68) Hexachlorobenzene	16.587	284	808207	38.039	ng		98
69) Atrazine	16.745	200	737602	45.589	ng		97
70) Pentachlorophenol	16.928	266	1103395	86.475	ng		98
71) Phenanthrene	17.328	178	3748810	37.796	ng		99
72) Anthracene	17.416	178	3803589	40.080	ng		99
73) Carbazole	17.686	167	3522877	38.053	ng		99
74) Di-n-butylphthalate	18.239	149	3970847	41.939	ng		99
75) Fluoranthene	19.286	202	4434471	38.816	ng		96
77) Benzidine	19.469	184	2760972	Below Cal			99
78) Pyrene	19.639	202	4615688	37.894	ng		98
80) Butylbenzylphthalate	20.510	149	1824402	42.783	ng		99
81) Benzo(a)anthracene	21.345	228	4551675	38.108	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1588158	46.761	ng		98
83) Chrysene	21.404	228	4447779	37.949	ng		98
84) Bis(2-ethylhexyl)phtha...	21.275	149	2711250	43.254	ng		98
85) Di-n-octyl phthalate	22.204	149	4654865	45.436	ng		98
87) Indeno(1,2,3-cd)pyrene	26.310	276	5636745	41.767	ng	#	94
88) Benzo(b)fluoranthene	23.039	252	4842829	40.095	ng	#	98
89) Benzo(k)fluoranthene	23.086	252	4737157	40.295	ng	#	97
90) Benzo(a)pyrene	23.674	252	4648582	42.916	ng	#	98
91) Dibenzo(a,h)anthracene	26.327	278	4824154	41.321	ng	#	95
92) Benzo(g,h,i)perylene	27.086	276	4690470	41.644	ng	#	94

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

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