Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006794.D
Acq On : 20 Aug 2021 11:25
Operator : CG/JU
Sample : PB138490BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB138490BS

Manual Integrations APPROVED
mohammad
8/23/2021 12:27:46 PM

Quant Time: Aug 20 12:53:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	162517	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	700806	20.000	ng	#	0.00
39) Acenaphthene-d10	14.340	164	389878	20.000	ng		0.00
64) Phenanthrene-d10	17.098	188	755636	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	723422	20.000	ng	#	0.00
86) Perylene-d12	23.521	264	749980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1550379	146.526	ng		0.00
7) Phenol-d6	6.887	99	1923935	128.003	ng		0.00
23) Nitrobenzene-d5	8.858	82	1304750	85.935	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	579324	142.177	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2305555	88.474	ng		0.00
79) Terphenyl-d14	19.686	244	3313789	91.788	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	169521	36.800	ng		95
3) Pyridine	3.628	79	446958	33.012	ng		98
4) n-Nitrosodimethylamine	3.546	42	206849	40.478	ng	#	78
6) Aniline	7.034	93	767711	47.022	ng		96
8) 2-Chlorophenol	7.263	128	563767	49.244	ng		95
9) Benzaldehyde	6.846	77	412001	45.543	ng		93
10) Phenol	6.911	94	711809	47.229	ng		98
11) bis(2-Chloroethyl)ether	7.134	93	526757	46.029	ng		94
12) 1,3-Dichlorobenzene	7.581	146	556476	46.638	ng		98
13) 1,4-Dichlorobenzene	7.728	146	573050	47.322	ng		98
14) 1,2-Dichlorobenzene	8.040	146	552266	47.528	ng		97
15) Benzyl Alcohol	7.946	79	531012	47.110	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.234	45	590821	43.385	ng		95
17) 2-Methylphenol	8.146	107	468581	49.237	ng		97
18) Hexachloroethane	8.758	117	233438	48.703	ng		90
19) n-Nitroso-di-n-propyla...	8.511	70	440045	43.638	ng		96
20) 3+4-Methylphenols	8.475	107	632554	48.833	ng		97
22) Acetophenone	8.522	105	862499	46.408	ng	#	99
24) Nitrobenzene	8.899	77	678866	43.013	ng		93
25) Isophorone	9.428	82	1152869	42.275	ng		95
26) 2-Nitrophenol	9.605	139	286792	49.931	ng		94
27) 2,4-Dimethylphenol	9.675	122	509768	53.000	ng		97
28) bis(2-Chloroethoxy)met...	9.910	93	701539	48.080	ng		99
29) 2,4-Dichlorophenol	10.134	162	472116	48.483	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	478445	45.724	ng		97
31) Naphthalene	10.528	128	1683205	44.698	ng		100
32) Benzoic acid	9.840	122	354226	47.606	ng		90
33) 4-Chloroaniline	10.652	127	509265	33.419	ng	#	95
34) Hexachlorobutadiene	10.810	225	285006	46.741	ng		99
35) Caprolactam	11.469	113	166858m	47.520	ng		
36) 4-Chloro-3-methylphenol	11.787	107	585801	47.348	ng		89
37) 2-Methylnaphthalene	12.146	142	1156462	45.320	ng		99
38) 1-Methylnaphthalene	12.369	142	1062413	43.811	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	494337	48.444	ng	#	94
41) Hexachlorocyclopentadiene	12.493	237	661751	122.274	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	340501	48.869	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	374851	48.603	ng	#	89
46) 1,1'-Biphenyl	13.169	154	1347288	45.655	ng		96
47) 2-Chloronaphthalene	13.210	162	1051088	46.252	ng		94
48) 2-Nitroaniline	13.428	65	385298	48.043	ng	#	85
49) Acenaphthylene	14.063	152	1727395	47.141	ng		99
50) Dimethylphthalate	13.816	163	1334199	47.012	ng		99
51) 2,6-Dinitrotoluene	13.934	165	290301	45.841	ng	#	77
52) Acenaphthene	14.404	154	1003374	44.992	ng		97
53) 3-Nitroaniline	14.263	138	275387	39.226	ng		82
54) 2,4-Dinitrophenol	14.475	184	320744	96.853	ng	#	81
55) Dibenzofuran	14.745	168	1553686	44.292	ng		92
56) 4-Nitrophenol	14.587	139	576018	94.491	ng		89
57) 2,4-Dinitrotoluene	14.722	165	406700	47.887	ng	#	73
58) Fluorene	15.392	166	1267484	45.206	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	307367	47.556	ng	#	69
60) Diethylphthalate	15.187	149	1431519	48.024	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	586795	46.214	ng	#	89
62) 4-Nitroaniline	15.434	138	339801	45.613	ng		94
63) Azobenzene	15.692	77	1579128	45.439	ng		94
65) 4,6-Dinitro-2-methylph...	15.487	198	196325	42.521	ng		70
66) n-Nitrosodiphenylamine	15.616	169	1094291	46.074	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	349707	48.234	ng	#	85
68) Hexachlorobenzene	16.398	284	389310	47.185	ng	#	86
69) Atrazine	16.587	200	386834	52.195	ng		95
70) Pentachlorophenol	16.751	266	529043	101.061	ng		99
71) Phenanthrene	17.145	178	1947675	45.696	ng		99
72) Anthracene	17.234	178	1971917	47.879	ng		99
73) Carbazole	17.516	167	1852089	44.088	ng		98
74) Di-n-butylphthalate	18.081	149	2431624	50.806	ng		99
75) Fluoranthene	19.122	202	2176479	45.495	ng		94
77) Benzidine	19.316	184	1624399	89.734	ng		99
78) Pyrene	19.475	202	2250135	46.567	ng		99
80) Butylbenzylphthalate	20.369	149	1103479	51.933	ng		86
81) Benzo(a)anthracene	21.192	228	2133179	45.120	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	658558	53.059	ng	#	98
83) Chrysene	21.245	228	2073334	45.235	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1677127	52.524	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2893757	54.984	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.921	276	2613159	48.052	ng	#	90
88) Benzo(b)fluoranthene	22.822	252	2238044	45.915	ng	#	97
89) Benzo(k)fluoranthene	22.869	252	2185388	46.697	ng	#	96
90) Benzo(a)pyrene	23.421	252	2161527	49.441	ng	#	95
91) Dibenzo(a,h)anthracene	25.939	278	2216138	47.133	ng	#	93
92) Benzo(g,h,i)perylene	26.651	276	2179522	48.373	ng	#	91

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

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