Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006753.D
Acq On : 18 Aug 2021 20:00
Operator : CG/JU
Sample : PB138494BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB138494BS

Manual Integrations APPROVED
mohammad
8/19/2021 1:27:44 PM

Quant Time: Aug 19 04:50:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	168451	20.000	ng		0.00
21) Naphthalene-d8	10.481	136	705522	20.000	ng		#-0.01
39) Acenaphthene-d10	14.345	164	388269	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	750907	20.000	ng		# 0.00
76) Chrysene-d12	21.210	240	699667	20.000	ng		# 0.00
86) Perylene-d12	23.521	264	742838	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1598591	145.760	ng		0.00
7) Phenol-d6	6.893	99	1978219	126.978	ng		0.00
23) Nitrobenzene-d5	8.863	82	1344184	87.941	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	599974	147.856	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	2349662	90.540	ng		0.00
79) Terphenyl-d14	19.680	244	3326492	95.268	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	167510	35.083	ng		96
3) Pyridine	3.634	79	466987	33.276	ng		97
4) n-Nitrosodimethylamine	3.552	42	213588	40.324	ng	#	77
6) Aniline	7.040	93	768183	45.393	ng		96
8) 2-Chlorophenol	7.269	128	585728	49.360	ng		94
9) Benzaldehyde	6.852	77	409130	43.632	ng		93
10) Phenol	6.916	94	733299	46.941	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	544686	45.919	ng		94
12) 1,3-Dichlorobenzene	7.587	146	583361	47.169	ng		97
13) 1,4-Dichlorobenzene	7.734	146	595078	47.410	ng		97
14) 1,2-Dichlorobenzene	8.046	146	571377	47.440	ng		96
15) Benzyl Alcohol	7.952	79	556705	47.650	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.234	45	608142	43.084	ng		95
17) 2-Methylphenol	8.152	107	488136	49.485	ng		99
18) Hexachloroethane	8.763	117	240594	48.428	ng		89
19) n-Nitroso-di-n-propyla...	8.516	70	458691	43.885	ng		96
20) 3+4-Methylphenols	8.481	107	660652	49.205	ng		97
22) Acetophenone	8.528	105	889166	47.524	ng	#	98
24) Nitrobenzene	8.905	77	703379	44.268	ng		92
25) Isophorone	9.434	82	1192588	43.440	ng		96
26) 2-Nitrophenol	9.610	139	298549	51.630	ng		93
27) 2,4-Dimethylphenol	9.681	122	521872	53.896	ng		94
28) bis(2-Chloroethoxy)met...	9.916	93	713866	48.597	ng		98
29) 2,4-Dichlorophenol	10.140	162	486784	49.655	ng		94
30) 1,2,4-Trichlorobenzene	10.352	180	493910	46.886	ng		97
31) Naphthalene	10.534	128	1730117	45.636	ng		99
32) Benzoic acid	9.846	122	377100	50.342	ng		90
33) 4-Chloroaniline	10.657	127	477878	31.150	ng		96
34) Hexachlorobutadiene	10.816	225	293146	47.755	ng		98
35) Caprolactam	11.469	113	180263m	50.995	ng		
36) 4-Chloro-3-methylphenol	11.793	107	606518	48.695	ng		89
37) 2-Methylnaphthalene	12.151	142	1169871	45.539	ng		100
38) 1-Methylnaphthalene	12.375	142	1082801	44.354	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	502500	49.448	ng	#	94
41) Hexachlorocyclopentadiene	12.498	237	695704	129.080	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	357473	51.518	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	388984	50.644	ng	#	87
46) 1,1'-Biphenyl	13.175	154	1367892	46.545	ng		97
47) 2-Chloronaphthalene	13.216	162	1065309	47.072	ng		95
48) 2-Nitroaniline	13.428	65	400295	50.120	ng	#	85
49) Acenaphthylene	14.063	152	1774729	48.633	ng		99
50) Dimethylphthalate	13.816	163	1364800	48.290	ng		99
51) 2,6-Dinitrotoluene	13.934	165	302844	48.020	ng	#	80
52) Acenaphthene	14.410	154	1018691	45.868	ng		98
53) 3-Nitroaniline	14.263	138	258557	36.981	ng		83
54) 2,4-Dinitrophenol	14.475	184	338861	102.748	ng	#	78
55) Dibenzofuran	14.745	168	1578763	45.193	ng		93
56) 4-Nitrophenol	14.587	139	603979	99.489	ng	#	87
57) 2,4-Dinitrotoluene	14.728	165	422214	49.920	ng	#	75
58) Fluorene	15.398	166	1297837	46.481	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	317049	49.257	ng	#	69
60) Diethylphthalate	15.187	149	1455153	49.020	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	598657	47.344	ng	#	89
62) 4-Nitroaniline	15.434	138	351238	47.343	ng		93
63) Azobenzene	15.692	77	1600173	46.235	ng		93
65) 4,6-Dinitro-2-methylph...	15.492	198	204360	44.540	ng		75
66) n-Nitrosodiphenylamine	15.616	169	1114570	47.223	ng		100
67) 4-Bromophenyl-phenylether	16.298	248	355251	49.307	ng	#	88
68) Hexachlorobenzene	16.398	284	401286	48.943	ng	#	85
69) Atrazine	16.586	200	399956	54.305	ng		96
70) Pentachlorophenol	16.751	266	542838	104.350	ng		99
71) Phenanthrene	17.145	178	1984115	46.844	ng		99
72) Anthracene	17.239	178	2031427	49.635	ng		99
73) Carbazole	17.516	167	1903835	45.605	ng		98
74) Di-n-butylphthalate	18.081	149	2491382	52.382	ng		99
75) Fluoranthene	19.122	202	2231478	46.939	ng		95
77) Benzidine	19.316	184	1572699	89.827	ng		98
78) Pyrene	19.475	202	2296056	49.130	ng		99
80) Butylbenzylphthalate	20.369	149	1137101	55.332	ng		87
81) Benzo(a)anthracene	21.192	228	2164549	47.338	ng		99
82) 3,3'-Dichlorobenzidine	21.133	252	606099	50.490	ng	#	97
83) Chrysene	21.245	228	2106511	47.520	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1711422	55.418	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2966120	58.272	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.910	276	2694331	50.021	ng	#	91
88) Benzo(b)fluoranthene	22.821	252	2330395	48.270	ng	#	97
89) Benzo(k)fluoranthene	22.869	252	2158744	46.571	ng	#	97
90) Benzo(a)pyrene	23.421	252	2212457	51.092	ng	#	96
91) Dibenzo(a,h)anthracene	25.927	278	2299030	49.366	ng	#	94
92) Benzo(g,h,i)perylene	26.645	276	2244501	50.294	ng	#	91

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

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