Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092121\
Data File : BP007080.D
Acq On : 21 Sep 2021 15:35
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 21 16:04:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 15:13:49 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	287594	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1097722	20.000	ng	#	0.00
39) Acenaphthene-d10	14.534	164	687947	20.000	ng		0.00
64) Phenanthrene-d10	17.281	188	1404861	20.000	ng	#	0.00
76) Chrysene-d12	21.369	240	1362947	20.000	ng	#	0.00
86) Perylene-d12	23.780	264	1394436	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1922792	109.174	ng		0.00
7) Phenol-d6	7.069	99	2641183	109.871	ng		0.00
23) Nitrobenzene-d5	9.069	82	2200910	112.609	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	1093044	132.116	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	5502379	110.416	ng		0.00
79) Terphenyl-d14	19.839	244	8113376	114.212	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	380340	49.318	ng		89
3) Pyridine	3.770	79	1079310m	54.431	ng		
4) n-Nitrosodimethylamine	3.681	42	375946	51.610	ng	#	74
6) Aniline	7.234	93	1469854	56.745	ng		98
8) 2-Chlorophenol	7.469	128	1052906	53.339	ng		98
9) Benzaldehyde	7.046	77	752946m	57.158	ng		
10) Phenol	7.099	94	1275300	52.626	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	1002168	53.652	ng		96
12) 1,3-Dichlorobenzene	7.793	146	1177307	53.230	ng		96
13) 1,4-Dichlorobenzene	7.940	146	1199528	53.492	ng		98
14) 1,2-Dichlorobenzene	8.258	146	1157943	53.925	ng		97
15) Benzyl Alcohol	8.146	79	860520	55.501	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1138257	52.126	ng		90
17) 2-Methylphenol	8.346	107	869289	55.846	ng		93
18) Hexachloroethane	8.987	117	409237	54.949	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	709898	53.789	ng		97
20) 3+4-Methylphenols	8.681	107	1198989	56.907	ng		95
22) Acetophenone	8.728	105	1511580	54.598	ng	#	98
24) Nitrobenzene	9.110	77	1046104	51.305	ng		96
25) Isophorone	9.640	82	1915002	53.005	ng		98
26) 2-Nitrophenol	9.816	139	579668	65.571	ng		89
27) 2,4-Dimethylphenol	9.881	122	869852	55.917	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	1325590	60.471	ng		99
29) 2,4-Dichlorophenol	10.352	162	1021369	57.470	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	1144578	56.637	ng		97
31) Naphthalene	10.757	128	3225259	53.026	ng		99
32) Benzoic acid	10.040	122	742778	79.948	ng		96
33) 4-Chloroaniline	10.863	127	1354128	57.339	ng		99
34) Hexachlorobutadiene	11.040	225	692014	58.146	ng		98
35) Caprolactam	11.669	113	324546	66.365	ng	#	81
36) 4-Chloro-3-methylphenol	11.987	107	1017983	56.781	ng		97
37) 2-Methylnaphthalene	12.363	142	2252230	52.230	ng		96
38) 1-Methylnaphthalene	12.581	142	2198328	53.990	ng		99
40) 1,2,4,5-Tetrachloroben...	12.734	216	1240767	56.674	ng		98
41) Hexachlorocyclopentadiene	12.710	237	729165	67.048	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	872253	61.632	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	927487	59.480	ng		96
46) 1,1'-Biphenyl	13.369	154	2954392	55.055	ng		99
47) 2-Chloronaphthalene	13.410	162	2296637	54.318	ng		97
48) 2-Nitroaniline	13.616	65	601283	62.064	ng		92
49) Acenaphthylene	14.257	152	3582640	55.916	ng		100
50) Dimethylphthalate	13.998	163	2868060	57.119	ng		100
51) 2,6-Dinitrotoluene	14.110	165	611959	56.002	ng		91
52) Acenaphthene	14.598	154	2152249	53.072	ng		100
53) 3-Nitroaniline	14.440	138	680248	62.275	ng		96
54) 2,4-Dinitrophenol	14.645	184	398418	68.759	ng		90
55) Dibenzofuran	14.934	168	3545951	53.985	ng		95
56) 4-Nitrophenol	14.745	139	570711	61.562	ng	#	79
57) 2,4-Dinitrotoluene	14.898	165	839231	60.005	ng		90
58) Fluorene	15.581	166	2741690	53.479	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	808955m	60.316	ng		
60) Diethylphthalate	15.357	149	2805743	58.101	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	1460146	56.784	ng		91
62) 4-Nitroaniline	15.604	138	705630	64.262	ng	#	78
63) Azobenzene	15.869	77	2424762	54.219	ng		92
65) 4,6-Dinitro-2-methylph...	15.663	198	558386	65.543	ng		97
66) n-Nitrosodiphenylamine	15.792	169	2442186	54.623	ng		99
67) 4-Bromophenyl-phenylether	16.469	248	919300	59.197	ng		95
68) Hexachlorobenzene	16.587	284	995392	57.016	ng		98
69) Atrazine	16.745	200	880484	66.230	ng		97
70) Pentachlorophenol	16.934	266	667937	63.708	ng		100
71) Phenanthrene	17.328	178	4349200	53.365	ng		99
72) Anthracene	17.416	178	4339628	55.653	ng		99
73) Carbazole	17.686	167	4224302	55.532	ng		99
74) Di-n-butylphthalate	18.239	149	4738969	60.913	ng		98
75) Fluoranthene	19.292	202	5061095	53.915	ng		97
77) Benzidine	19.469	184	2432047	83.639	ng		99
78) Pyrene	19.645	202	5224814	55.320	ng		98
80) Butylbenzylphthalate	20.516	149	2176062	65.812	ng		94
81) Benzo(a)anthracene	21.351	228	5174172	55.868	ng		98
82) 3,3'-Dichlorobenzidine	21.286	252	1833584	69.626	ng		97
83) Chrysene	21.404	228	4872604	53.616	ng		97
84) Bis(2-ethylhexyl)phtha...	21.275	149	3075952	63.287	ng		97
85) Di-n-octyl phthalate	22.204	149	5351935	67.372	ng		100
87) Indeno(1,2,3-cd)pyrene	26.321	276	5990829	56.610	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	4912425	51.867	ng	#	97
89) Benzo(k)fluoranthene	23.098	252	5031545	54.580	ng	#	98
90) Benzo(a)pyrene	23.680	252	4256156	50.110	ng	#	97
91) Dibenzo(a,h)anthracene	26.339	278	5011922	54.747	ng	#	95
92) Benzo(g,h,i)perylene	27.098	276	4879826	55.252	ng	#	94

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

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