Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080321\
Data File : BP006477.D
Acq On : 03 Aug 2021 13:03
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 03 14:06:51 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 13:16:58 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	195928	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	814546	20.000	ng	#	0.00
39) Acenaphthene-d10	14.392	164	473853	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	953509	20.000	ng	#	0.00
76) Chrysene-d12	21.245	240	959831	20.000	ng	#	0.00
86) Perylene-d12	23.568	264	983645	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1258827	100.195	ng		0.00
7) Phenol-d6	6.940	99	1823720	102.817	ng		0.00
23) Nitrobenzene-d5	8.916	82	1744098	100.949	ng		0.00
42) 2,4,6-Tribromophenol	15.886	330	511076	105.480	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	3101377	98.104	ng		0.00
79) Terphenyl-d14	19.721	244	4642640	97.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	266268	47.824	ng		90
3) Pyridine	3.693	79	797093m	49.574	ng		
4) n-Nitrosodimethylamine	3.611	42	305199	50.253	ng	#	83
6) Aniline	7.099	93	993883	51.260	ng		95
8) 2-Chlorophenol	7.328	128	687500	50.587	ng		92
9) Benzaldehyde	6.910	77	513380	46.185	ng		91
10) Phenol	6.963	94	910667	50.953	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	680772	49.762	ng		91
12) 1,3-Dichlorobenzene	7.646	146	706474	49.256	ng		96
13) 1,4-Dichlorobenzene	7.793	146	706791	48.710	ng		97
14) 1,2-Dichlorobenzene	8.110	146	687538	49.311	ng		97
15) Benzyl Alcohol	8.004	79	691394	52.054	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.299	45	806567	49.959	ng		91
17) 2-Methylphenol	8.204	107	588082	52.592	ng		99
18) Hexachloroethane	8.828	117	280115	49.261	ng	#	88
19) n-Nitroso-di-n-propyla...	8.575	70	618549	52.595	ng		97
20) 3+4-Methylphenols	8.534	107	804680	52.765	ng		96
22) Acetophenone	8.581	105	1067114	49.687	ng	#	97
24) Nitrobenzene	8.957	77	900620	50.221	ng		90
25) Isophorone	9.487	82	1606549	52.082	ng		95
26) 2-Nitrophenol	9.663	139	346247	53.935	ng		91
27) 2,4-Dimethylphenol	9.728	122	563532	51.298	ng		95
28) bis(2-Chloroethoxy)met...	9.969	93	834656	49.484	ng		98
29) 2,4-Dichlorophenol	10.193	162	575071	51.782	ng		94
30) 1,2,4-Trichlorobenzene	10.410	180	591668	49.054	ng		97
31) Naphthalene	10.593	128	2143284	49.393	ng		99
32) Benzoic acid	9.875	122	458802	55.006	ng		93
33) 4-Chloroaniline	10.710	127	896625	51.688	ng	#	95
34) Hexachlorobutadiene	10.881	225	341930	48.496	ng		99
35) Caprolactam	11.510	113	223491	54.889	ng	#	67
36) 4-Chloro-3-methylphenol	11.840	107	742587	53.603	ng		91
37) 2-Methylnaphthalene	12.204	142	1475544	50.661	ng		99
38) 1-Methylnaphthalene	12.428	142	1398075	50.537	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	601844	48.731	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	335185	51.208	ng		98
43) 2,4,6-Trichlorophenol	12.822	196	432449	52.209	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	473731	51.665	ng	#	88
46) 1,1'-Biphenyl	13.228	154	1749705	48.846	ng		96
47) 2-Chloronaphthalene	13.263	162	1354540	49.103	ng		94
48) 2-Nitroaniline	13.475	65	512719	55.421	ng		87
49) Acenaphthylene	14.110	152	2227281	50.823	ng		100
50) Dimethylphthalate	13.863	163	1724677	50.628	ng		99
51) 2,6-Dinitrotoluene	13.975	165	391659	52.840	ng	#	79
52) Acenaphthene	14.457	154	1345177	49.778	ng		99
53) 3-Nitroaniline	14.304	138	451564	54.967	ng		83
54) 2,4-Dinitrophenol	14.510	184	214768	53.379	ng	#	84
55) Dibenzofuran	14.792	168	2105825	49.751	ng		96
56) 4-Nitrophenol	14.610	139	400403	53.665	ng		85
57) 2,4-Dinitrotoluene	14.763	165	546154	55.198	ng	#	81
58) Fluorene	15.439	166	1704281	50.683	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.016	232	402705	52.361	ng	#	72
60) Diethylphthalate	15.228	149	1821094	51.414	ng		98
61) 4-Chlorophenyl-phenyle...	15.439	204	757078	49.548	ng	#	89
62) 4-Nitroaniline	15.469	138	490266	56.401	ng		89
63) Azobenzene	15.733	77	2148699	52.534	ng		92
65) 4,6-Dinitro-2-methylph...	15.522	198	302402	53.007	ng		70
66) n-Nitrosodiphenylamine	15.657	169	1489077	50.437	ng		100
67) 4-Bromophenyl-phenylether	16.339	248	452210	49.462	ng	#	90
68) Hexachlorobenzene	16.439	284	510007	49.505	ng	#	85
69) Atrazine	16.622	200	470899	51.845	ng		96
70) Pentachlorophenol	16.786	266	349805	54.621	ng		98
71) Phenanthrene	17.186	178	2649809	49.550	ng		99
72) Anthracene	17.275	178	2600913	50.762	ng		99
73) Carbazole	17.551	167	2669917	51.303	ng		98
74) Di-n-butylphthalate	18.116	149	3091724	52.611	ng		99
75) Fluoranthene	19.157	202	3039695	51.068	ng		93
77) Benzidine	19.345	184	1182514	50.054	ng		99
78) Pyrene	19.510	202	3159174	49.925	ng		99
80) Butylbenzylphthalate	20.404	149	1466721	53.648	ng		89
81) Benzo(a)anthracene	21.227	228	3101069	50.184	ng		100
82) 3,3'-Dichlorobenzidine	21.168	252	840341	51.309	ng	#	97
83) Chrysene	21.280	228	2969012	49.313	ng		99
84) Bis(2-ethylhexyl)phtha...	21.168	149	2128027	50.388	ng	#	97
85) Di-n-octyl phthalate	22.074	149	3586230	50.147	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.986	276	3574669	50.652	ng	#	89
88) Benzo(b)fluoranthene	22.863	252	3143035	49.775	ng	#	95
89) Benzo(k)fluoranthene	22.915	252	3109000	50.754	ng	#	96
90) Benzo(a)pyrene	23.468	252	2902593	51.345	ng	#	94
91) Dibenzo(a,h)anthracene	26.009	278	3066271	50.166	ng	#	93
92) Benzo(g,h,i)perylene	26.727	276	2963751	50.576	ng	#	88

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

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