Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005253.D
Acq On : 09 Apr 2021 15:54
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 09 16:49:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 09 16:43:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	24104	20.00	ng		# 0.00
21) Naphthalene-d8	10.469	136	75499	20.00	ng		# 0.00
39) Acenaphthene-d10	14.340	164	44540	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	98969	20.00	ng		# 0.00
76) Chrysene-d12	21.204	240	120914	20.00	ng		# 0.00
86) Perylene-d12	23.474	264	126818	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	182836	116.73	ng		0.00
7) Phenol-d6	6.864	99	207399	92.44	ng		0.00
23) Nitrobenzene-d5	8.840	82	197933	112.49	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	47768	82.31	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	277881	84.40	ng		0.00
79) Terphenyl-d14	19.681	244	489114	73.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	54816	80.36	ng		100
3) Pyridine	3.617	79	131340	77.45	ng		92
4) n-Nitrosodimethylamine	3.528	42	36731	60.57	ng	#	81
6) Aniline	7.016	93	111738	43.95	ng	#	82
8) 2-Chlorophenol	7.252	128	65812	39.84	ng	#	74
9) Benzaldehyde	6.828	77	66980	58.62	ng	#	65
10) Phenol	6.893	94	105825	46.03	ng		78
11) bis(2-Chloroethyl)ether	7.116	93	76893	45.68	ng		89
12) 1,3-Dichlorobenzene	7.569	146	69916	38.09	ng	#	84
13) 1,4-Dichlorobenzene	7.716	146	70336	37.75	ng	#	90
14) 1,2-Dichlorobenzene	8.028	146	66597	37.26	ng	#	90
15) Benzyl Alcohol	7.928	79	72307	41.78	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.205	45	43383	35.13	ng		80
17) 2-Methylphenol	8.134	107	58115	39.60	ng	#	85
18) Hexachloroethane	8.752	117	30060	42.33	ng		85
19) n-Nitroso-di-n-propyla...	8.487	70	64057	44.01	ng	#	85
20) 3+4-Methylphenols	8.458	107	76407	38.13	ng		86
22) Acetophenone	8.505	105	106821	49.21	ng	#	90
24) Nitrobenzene	8.881	77	100576	54.24	ng	#	66
25) Isophorone	9.410	82	161643	49.77	ng	#	84
26) 2-Nitrophenol	9.593	139	29314	40.76	ng	#	38
27) 2,4-Dimethylphenol	9.658	122	45272	39.15	ng	#	79
28) bis(2-Chloroethoxy)met...	9.893	93	77323	47.04	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	50386	38.94	ng		87
30) 1,2,4-Trichlorobenzene	10.334	180	57015	39.23	ng		98
31) Naphthalene	10.522	128	166090	38.94	ng		99
32) Benzoic acid	9.816	122	30549	35.58	ng	#	38
33) 4-Chloroaniline	10.640	127	63214	36.63	ng	#	73
34) Hexachlorobutadiene	10.799	225	39244	41.96	ng		96
35) Caprolactam	11.440	113	18019	42.43	ng	#	65
36) 4-Chloro-3-methylphenol	11.781	107	65611	41.97	ng	#	74
37) 2-Methylnaphthalene	12.140	142	113672	36.91	ng	#	91
38) 1-Methylnaphthalene	12.363	142	106494	36.89	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.516	216	63572	43.83	ng	#	96
41) Hexachlorocyclopentadiene	12.487	237	29686	37.63	ng		96
43) 2,4,6-Trichlorophenol	12.763	196	41371	41.27	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	44782	41.24	ng	#	84
46) 1,1'-Biphenyl	13.169	154	142500	41.95	ng		94
47) 2-Chloronaphthalene	13.210	162	113932	41.20	ng		94
48) 2-Nitroaniline	13.428	65	45680	51.84	ng	#	43
49) Acenaphthylene	14.063	152	175085	40.71	ng		99
50) Dimethylphthalate	13.804	163	138630	40.41	ng	#	99
51) 2,6-Dinitrotoluene	13.928	165	32282	39.93	ng	#	1
52) Acenaphthene	14.404	154	106928	40.40	ng		97
53) 3-Nitroaniline	14.257	138	30038	40.37	ng	#	34
54) 2,4-Dinitrophenol	14.475	184	17143	35.01	ng	#	53
55) Dibenzofuran	14.745	168	176377	40.66	ng		93
56) 4-Nitrophenol	14.581	139	24776	40.59	ng	#	2
57) 2,4-Dinitrotoluene	14.722	165	45194	42.32	ng	#	10
58) Fluorene	15.398	166	143962	41.11	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	38184	38.12	ng	#	91
60) Diethylphthalate	15.175	149	144444	43.05	ng		99
61) 4-Chlorophenyl-phenyle...	15.393	204	76106	40.94	ng		96
62) 4-Nitroaniline	15.428	138	32106	41.99	ng	#	33
63) Azobenzene	15.687	77	222162	57.92	ng	#	78
65) 4,6-Dinitro-2-methylph...	15.493	198	27864	38.58	ng	#	69
66) n-Nitrosodiphenylamine	15.610	169	122405	38.47	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	45696	39.85	ng		94
68) Hexachlorobenzene	16.404	284	50053	38.81	ng	#	90
69) Atrazine	16.575	200	44337	41.96	ng		96
70) Pentachlorophenol	16.757	266	30858	36.24	ng		97
71) Phenanthrene	17.145	178	229634	40.02	ng		99
72) Anthracene	17.239	178	226970	40.49	ng		99
73) Carbazole	17.516	167	218712	41.53	ng		98
74) Di-n-butylphthalate	18.069	149	245630	42.38	ng	#	96
75) Fluoranthene	19.128	202	284473	42.14	ng		99
77) Benzidine	19.316	184	97444	36.73	ng		99
78) Pyrene	19.481	202	298024	35.87	ng		99
80) Butylbenzylphthalate	20.357	149	113972	36.97	ng	#	55
81) Benzo(a)anthracene	21.186	228	319669	38.91	ng		97
82) 3,3'-Dichlorobenzidine	21.128	252	97482	35.31	ng		99
83) Chrysene	21.239	228	308798	38.30	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	178945	39.59	ng		99
85) Di-n-octyl phthalate	21.998	149	318197	41.75	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.810	276	392889	41.32	ng	#	95
88) Benzo(b)fluoranthene	22.786	252	340964m	37.86	ng		
89) Benzo(k)fluoranthene	22.833	252	325317	37.70	ng		98
90) Benzo(a)pyrene	23.374	252	313673	38.84	ng	#	98
91) Dibenzo(a,h)anthracene	25.821	278	343888	41.82	ng	#	95
92) Benzo(g,h,i)perylene	26.515	276	332180	41.87	ng	#	93

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

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