Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040921\
Data File : BP005255.D
Acq On : 09 Apr 2021 17:02
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
4/12/2021 2:43:34 PM

Quant Time: Apr 09 18:05:03 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	24441	20.00	ng		# 0.00
21) Naphthalene-d8	10.469	136	81831	20.00	ng		# 0.00
39) Acenaphthene-d10	14.340	164	52937	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	116722	20.00	ng		# 0.00
76) Chrysene-d12	21.204	240	137784	20.00	ng		0.00
86) Perylene-d12	23.474	264	143748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.275	112	275213	173.29	ng		0.00
7) Phenol-d6	6.864	99	321294	141.23	ng		0.00
23) Nitrobenzene-d5	8.840	82	310013	162.55	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	83285	120.75	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	457429	116.89	ng		0.00
79) Terphenyl-d14	19.680	244	845004	111.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.211	88	78281	113.18	ng		99
3) Pyridine	3.611	79	203254m	118.20	ng		
4) n-Nitrosodimethylamine	3.523	42	56266	91.51	ng	#	89
6) Aniline	7.016	93	174244	67.59	ng	#	81
8) 2-Chlorophenol	7.246	128	98519	58.81	ng	#	68
9) Benzaldehyde	6.828	77	87751	75.74	ng	#	65
10) Phenol	6.893	94	163309	70.05	ng		71
11) bis(2-Chloroethyl)ether	7.116	93	117652	68.93	ng		88
12) 1,3-Dichlorobenzene	7.569	146	105803	56.85	ng	#	83
13) 1,4-Dichlorobenzene	7.716	146	104252	55.17	ng	#	92
14) 1,2-Dichlorobenzene	8.028	146	100752	55.59	ng	#	92
15) Benzyl Alcohol	7.928	79	113673	64.77	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.205	45	66815	53.36	ng		74
17) 2-Methylphenol	8.134	107	89593	60.21	ng	#	83
18) Hexachloroethane	8.746	117	44619	61.97	ng	#	85
19) n-Nitroso-di-n-propyla...	8.493	70	104552	70.85	ng	#	86
20) 3+4-Methylphenols	8.463	107	120738	59.43	ng		87
22) Acetophenone	8.505	105	171789	73.02	ng	#	88
24) Nitrobenzene	8.887	77	162397	80.80	ng	#	67
25) Isophorone	9.410	82	268651	76.32	ng	#	82
26) 2-Nitrophenol	9.593	139	45476	58.34	ng	#	32
27) 2,4-Dimethylphenol	9.657	122	72401	57.76	ng	#	74
28) bis(2-Chloroethoxy)met...	9.893	93	121898	68.42	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	78874	56.23	ng		89
30) 1,2,4-Trichlorobenzene	10.334	180	88290	56.05	ng		99
31) Naphthalene	10.522	128	268527	58.09	ng		99
32) Benzoic acid	9.840	122	50403	54.16	ng	#	36
33) 4-Chloroaniline	10.640	127	103537	55.36	ng	#	72
34) Hexachlorobutadiene	10.799	225	62224	61.38	ng		98
35) Caprolactam	11.451	113	29529	64.16	ng	#	65
36) 4-Chloro-3-methylphenol	11.781	107	108615	64.10	ng	#	76
37) 2-Methylnaphthalene	12.140	142	185331	55.52	ng	#	91
38) 1-Methylnaphthalene	12.363	142	175891	56.22	ng	#	96
40) 1,2,4,5-Tetrachloroben...	12.516	216	102799	59.63	ng	#	96
41) Hexachlorocyclopentadiene	12.487	237	51175	54.58	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	66857	56.11	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	74186	57.48	ng	#	87
46) 1,1'-Biphenyl	13.169	154	230635	57.12	ng		93
47) 2-Chloronaphthalene	13.210	162	185933	56.57	ng		93
48) 2-Nitroaniline	13.428	65	83117	79.37	ng	#	42
49) Acenaphthylene	14.063	152	291420	57.01	ng		98
50) Dimethylphthalate	13.810	163	235698	57.81	ng		99
51) 2,6-Dinitrotoluene	13.928	165	54023	56.22	ng	#	3
52) Acenaphthene	14.410	154	178390	56.71	ng		99
53) 3-Nitroaniline	14.263	138	53211	60.16	ng	#	27
54) 2,4-Dinitrophenol	14.475	184	31367	53.90	ng	#	50
55) Dibenzofuran	14.745	168	298696	57.94	ng		93
56) 4-Nitrophenol	14.587	139	43121	59.43	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	79093	62.32	ng	#	18
58) Fluorene	15.398	166	246879	59.31	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	67671	56.85	ng	#	95
60) Diethylphthalate	15.181	149	242244	60.74	ng		99
61) 4-Chlorophenyl-phenyle...	15.392	204	128904	58.35	ng		95
62) 4-Nitroaniline	15.434	138	55178	60.72	ng	#	20
63) Azobenzene	15.687	77	384225	84.28	ng	#	77
65) 4,6-Dinitro-2-methylph...	15.492	198	48531	56.97	ng	#	66
66) n-Nitrosodiphenylamine	15.616	169	211026	56.24	ng		99
67) 4-Bromophenyl-phenylether	16.292	248	76833	56.82	ng	#	89
68) Hexachlorobenzene	16.404	284	83764	55.08	ng	#	85
69) Atrazine	16.581	200	76411	61.32	ng		98
70) Pentachlorophenol	16.757	266	52412	52.20	ng		98
71) Phenanthrene	17.145	178	389552	57.57	ng		99
72) Anthracene	17.239	178	389577	58.92	ng		98
73) Carbazole	17.516	167	372157	59.91	ng		98
74) Di-n-butylphthalate	18.075	149	433325	63.40	ng	#	96
75) Fluoranthene	19.128	202	489020	61.43	ng		98
77) Benzidine	19.316	184	162606	53.79	ng		100
78) Pyrene	19.480	202	514937	54.39	ng		99
80) Butylbenzylphthalate	20.357	149	201035	57.22	ng	#	55
81) Benzo(a)anthracene	21.192	228	537406	57.41	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	163130	51.85	ng		99
83) Chrysene	21.245	228	523654	56.99	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	312310	60.63	ng		99
85) Di-n-octyl phthalate	21.998	149	553743	63.76	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.815	276	639869	59.37	ng	#	95
88) Benzo(b)fluoranthene	22.792	252	573545	56.19	ng		99
89) Benzo(k)fluoranthene	22.839	252	530958	54.28	ng		96
90) Benzo(a)pyrene	23.380	252	513410	56.09	ng		98
91) Dibenzo(a,h)anthracene	25.827	278	562877	60.39	ng	#	96
92) Benzo(g,h,i)perylene	26.527	276	531584	59.11	ng	#	93

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

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