Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005499.D
Acq On : 11 May 2021 20:48
Operator : CG/JU
Sample : M2335-01MS 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-050721MS

Manual Integrations APPROVED
mohammad
5/12/2021 2:05:04 PM

Quant Time: May 12 05:28:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	22783	20.00	ng		0.00
21) Naphthalene-d8	10.487	136	69742	20.00	ng	#	0.00
39) Acenaphthene-d10	14.340	164	51844	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	117885	20.00	ng	#	0.00
76) Chrysene-d12	21.192	240	145734	20.00	ng	#	0.00
86) Perylene-d12	23.504	264	164513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	51827	43.66	ng		0.00
7) Phenol-d6	6.893	99	53386	36.06	ng		0.00
23) Nitrobenzene-d5	8.863	82	42499	23.98	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	40989	27.86	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	102815	22.37	ng		0.00
79) Terphenyl-d14	19.663	244	188463	21.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	7913	14.34	ng	#	95
3) Pyridine	3.605	79	16049	15.27	ng	#	88
4) n-Nitrosodimethylamine	3.511	42	12415	14.69	ng	#	15
6) Aniline	7.040	93	12927	8.09	ng	#	84
8) 2-Chlorophenol	7.264	128	15463	12.13	ng		85
9) Benzaldehyde	6.846	77	13867	16.17	ng	#	73
10) Phenol	6.917	94	19501	13.17	ng	#	57
11) bis(2-Chloroethyl)ether	7.134	93	12312	12.04	ng		95
12) 1,3-Dichlorobenzene	7.581	146	20483	12.07	ng	#	83
13) 1,4-Dichlorobenzene	7.728	146	19188	11.35	ng		99
14) 1,2-Dichlorobenzene	8.040	146	19014	11.73	ng		99
15) Benzyl Alcohol	7.952	79	17432	12.21	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.228	45	6031	11.95	ng		77
17) 2-Methylphenol	8.164	107	12223	12.02	ng	#	77
18) Hexachloroethane	8.763	117	5827	8.32	ng		90
19) n-Nitroso-di-n-propyla...	8.511	70	12178	11.23	ng		95
20) 3+4-Methylphenols	8.499	107	15664	11.59	ng		87
22) Acetophenone	8.528	105	24075	12.24	ng	#	86
24) Nitrobenzene	8.905	77	21227	11.94	ng		90
25) Isophorone	9.428	82	29574	10.78	ng	#	95
26) 2-Nitrophenol	9.610	139	7999	10.75	ng	#	90
27) 2,4-Dimethylphenol	9.687	122	12978	13.17	ng		88
28) bis(2-Chloroethoxy)met...	9.916	93	14587	12.70	ng	#	91
29) 2,4-Dichlorophenol	10.158	162	17356	11.22	ng		96
30) 1,2,4-Trichlorobenzene	10.352	180	22254	11.26	ng		98
31) Naphthalene	10.540	128	43267	11.54	ng		98
33) 4-Chloroaniline	10.669	127	8529	5.84	ng	#	91
34) Hexachlorobutadiene	10.810	225	18752	11.38	ng		95
35) Caprolactam	11.475	113	3412	9.59	ng		96
36) 4-Chloro-3-methylphenol	11.816	107	14887	10.79	ng	#	96
37) 2-Methylnaphthalene	12.157	142	32832	10.91	ng		92
38) 1-Methylnaphthalene	12.375	142	30489m	10.74	ng		
40) 1,2,4,5-Tetrachloroben...	12.528	216	29168	12.25	ng		99
41) Hexachlorocyclopentadiene	12.499	237	909	8.69	ng		85
43) 2,4,6-Trichlorophenol	12.781	196	16572	11.14	ng		94
44) 2,4,5-Trichlorophenol	12.869	196	18294	11.39	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.175	154	46785	11.72	ng		97
47)	2-Chloronaphthalene	13.216	162	36693	11.04	ng		98
48)	2-Nitroaniline	13.440	65	11290	11.96	ng		89
49)	Acenaphthylene	14.063	152	73095	15.27	ng		100
50)	Dimethylphthalate	13.810	163	51934	11.60	ng		99
51)	2,6-Dinitrotoluene	13.940	165	9229	9.18	ng		93
52)	Acenaphthene	14.404	154	33832	11.36	ng		95
53)	3-Nitroaniline	14.269	138	5786	8.04	ng	#	87
54)	2,4-Dinitrophenol	14.510	184	1283	2.12	ng	#	81
55)	Dibenzofuran	14.740	168	58659	10.47	ng		99
56)	4-Nitrophenol	14.616	139	11078	20.38	ng	#	77
57)	2,4-Dinitrotoluene	14.734	165	13498	9.11	ng		87
58)	Fluorene	15.393	166	50458	11.03	ng		97
59)	2,3,4,6-Tetrachlorophenol	14.981	232	15647	9.74	ng	#	94
60)	Diethylphthalate	15.175	149	46729	10.78	ng		99
61)	4-Chlorophenyl-phenyle...	15.393	204	31948	11.16	ng		95
62)	4-Nitroaniline	15.434	138	6149	8.89	ng	#	84
63)	Azobenzene	15.681	77	47380	10.60	ng		86
66)	n-Nitrosodiphenylamine	15.610	169	39145	11.38	ng		90
67)	4-Bromophenyl-phenylether	16.287	248	21838	11.87	ng		92
68)	Hexachlorobenzene	16.398	284	26228	11.24	ng		99
69)	Atrazine	16.575	200	19754	12.29	ng		95
70)	Pentachlorophenol	16.751	266	25994	20.99	ng		96
71)	Phenanthrene	17.139	178	140848	21.03	ng		99
72)	Anthracene	17.228	178	107887	16.23	ng		99
73)	Carbazole	17.510	167	65081	11.12	ng		99
74)	Di-n-butylphthalate	18.063	149	72218	11.24	ng		97
75)	Fluoranthene	19.116	202	312934	33.96	ng		98
78)	Pyrene	19.469	202	312540	37.88	ng		99
80)	Butylbenzylphthalate	20.345	149	32013	12.01	ng		92
81)	Benzo(a)anthracene	21.175	228	221697	23.48	ng		97
82)	3,3'-Dichlorobenzidine	21.116	252	22012	6.19	ng		89
83)	Chrysene	21.228	228	218871	23.91	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.098	149	47688	11.70	ng	#	96
85)	Di-n-octyl phthalate	21.992	149	80697	11.79	ng	#	87
87)	Indeno(1,2,3-cd)pyrene	25.904	276	258559	18.68	ng	#	97
88)	Benzo(b)fluoranthene	22.804	252	313423	28.59	ng		98
89)	Benzo(k)fluoranthene	22.845	252	177013	16.51	ng	#	97
90)	Benzo(a)pyrene	23.404	252	255646m	25.44	ng		
91)	Dibenzo(a,h)anthracene	25.916	278	157872	12.93	ng		98
92)	Benzo(g,h,i)perylene	26.645	276	232146	20.54	ng	#	97

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

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