Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005490.D
Acq On : 11 May 2021 15:43
Operator : CG/JU
Sample : M2322-06MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20210505MS

Manual Integrations APPROVED
mohammad
5/12/2021 2:04:56 PM

Quant Time: May 11 16:19:58 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	7.693	152	8194	20.00	ng		0.00
21) Naphthalene-d8	10.487	136	25813	20.00	ng		# 0.00
39) Acenaphthene-d10	14.346	164	22607	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	65658	20.00	ng		# 0.00
76) Chrysene-d12	21.192	240	102562	20.00	ng		# 0.00
86) Perylene-d12	23.498	264	113640	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	29485	69.06	ng		0.00
7) Phenol-d6	6.893	99	17780	33.40	ng		0.00
23) Nitrobenzene-d5	8.864	82	64625	98.54	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	88232	137.53	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	171405	85.53	ng		0.00
79) Terphenyl-d14	19.669	244	475612	78.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	6076	36.08	ng	#	96
3) Pyridine	3.599	79	9372	24.79	ng	#	80
4) n-Nitrosodimethylamine	3.511	42	8415	27.68	ng	#	8
6) Aniline	7.034	93	15133	26.34	ng	#	85
8) 2-Chlorophenol	7.269	128	17064	37.21	ng		94
9) Benzaldehyde	6.846	77	22641	87.74	ng	#	73
10) Phenol	6.922	94	8030	15.08	ng	#	61
11) bis(2-Chloroethyl)ether	7.134	93	17168	46.68	ng		99
12) 1,3-Dichlorobenzene	7.581	146	24243	39.73	ng	#	84
13) 1,4-Dichlorobenzene	7.734	146	24241	39.86	ng		96
14) 1,2-Dichlorobenzene	8.046	146	23325	40.02	ng		98
15) Benzyl Alcohol	7.952	79	16177	31.50	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.234	45	8449	46.53	ng		64
17) 2-Methylphenol	8.164	107	11210	30.65	ng	#	71
18) Hexachloroethane	8.758	117	10051	39.90	ng		93
19) n-Nitroso-di-n-propyla...	8.516	70	19100	48.99	ng		91
20) 3+4-Methylphenols	8.487	107	13036	26.81	ng		88
22) Acetophenone	8.528	105	35292	48.46	ng	#	85
24) Nitrobenzene	8.905	77	32755	49.79	ng		92
25) Isophorone	9.434	82	44675	43.99	ng	#	91
26) 2-Nitrophenol	9.616	139	11654	42.31	ng	#	61
27) 2,4-Dimethylphenol	9.687	122	16014	43.92	ng	#	77
28) bis(2-Chloroethoxy)met...	9.916	93	20701	48.69	ng	#	96
29) 2,4-Dichlorophenol	10.152	162	24593	42.95	ng		92
30) 1,2,4-Trichlorobenzene	10.352	180	30547	41.76	ng		95
31) Naphthalene	10.540	128	58723	42.31	ng		98
32) Benzoic acid	9.828	122	1864	6.62	ng	#	80
33) 4-Chloroaniline	10.669	127	11119	20.57	ng	#	90
34) Hexachlorobutadiene	10.816	225	26445	43.35	ng		98
35) Caprolactam	11.510	113	962	7.30	ng	#	79
36) 4-Chloro-3-methylphenol	11.810	107	19890	38.97	ng		99
37) 2-Methylnaphthalene	12.157	142	50238m	45.12	ng		
38) 1-Methylnaphthalene	12.375	142	46696	44.42	ng		98
40) 1,2,4,5-Tetrachloroben...	12.528	216	49087	47.26	ng	#	97
41) Hexachlorocyclopentadiene	12.499	237	47236	105.40	ng		98
43) 2,4,6-Trichlorophenol	12.781	196	29275	45.11	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	30696	43.83	ng		96
46) 1,1'-Biphenyl	13.175	154	77774	44.68	ng		95
47) 2-Chloronaphthalene	13.216	162	63763	44.00	ng		99
48) 2-Nitroaniline	13.440	65	20772	50.45	ng		99
49) Acenaphthylene	14.063	152	91801	43.97	ng		97
50) Dimethylphthalate	13.816	163	95474	48.92	ng		98
51) 2,6-Dinitrotoluene	13.940	165	18704	42.68	ng		98
52) Acenaphthene	14.404	154	58782	45.25	ng		95
53) 3-Nitroaniline	14.275	138	7159	22.80	ng		99
54) 2,4-Dinitrophenol	14.493	184	23820	90.11	ng	#	71
55) Dibenzofuran	14.746	168	111653	45.69	ng		98
56) 4-Nitrophenol	14.616	139	6887	29.06	ng	#	71
57) 2,4-Dinitrotoluene	14.734	165	30177	46.71	ng		90
58) Fluorene	15.393	166	96579	48.41	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	33189	47.40	ng		97
60) Diethylphthalate	15.181	149	91637	48.48	ng		95
61) 4-Chlorophenyl-phenyle...	15.393	204	64624	51.76	ng		96
62) 4-Nitroaniline	15.440	138	12874	42.68	ng	#	65
63) Azobenzene	15.687	77	102769	52.75	ng		85
65) 4,6-Dinitro-2-methylph...	15.498	198	20563	39.52	ng		95
66) n-Nitrosodiphenylamine	15.610	169	82167	42.88	ng	#	89
67) 4-Bromophenyl-phenylether	16.287	248	46987	45.85	ng		99
68) Hexachlorobenzene	16.398	284	58850	45.28	ng		97
69) Atrazine	16.575	200	43618	48.73	ng		99
70) Pentachlorophenol	16.757	266	63888	92.64	ng		95
71) Phenanthrene	17.140	178	168850	45.26	ng		99
72) Anthracene	17.228	178	173095	46.75	ng		99
73) Carbazole	17.510	167	143130	43.89	ng		97
74) Di-n-butylphthalate	18.063	149	169427	47.34	ng	#	96
75) Fluoranthene	19.116	202	248467	48.42	ng		98
77) Benzidine	19.304	184	100564	63.35	ng		98
78) Pyrene	19.469	202	259424	44.68	ng		99
80) Butylbenzylphthalate	20.345	149	85438	45.54	ng		90
81) Benzo(a)anthracene	21.175	228	306397	46.10	ng		98
82) 3,3'-Dichlorobenzidine	21.116	252	85855	34.29	ng	#	95
83) Chrysene	21.228	228	302661	46.98	ng		98
84) Bis(2-ethylhexyl)phtha...	21.104	149	130976	45.66	ng	#	98
85) Di-n-octyl phthalate	21.992	149	224875	46.67	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.904	276	465706	48.71	ng	#	96
88) Benzo(b)fluoranthene	22.798	252	362045	47.81	ng	#	97
89) Benzo(k)fluoranthene	22.845	252	355537	48.01	ng	#	98
90) Benzo(a)pyrene	23.398	252	341470	49.19	ng	#	97
91) Dibenzo(a,h)anthracene	25.910	278	404181	47.91	ng	#	97
92) Benzo(g,h,i)perylene	26.639	276	380239	48.71	ng	#	92

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

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