Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051021\
Data File : BP005466.D
Acq On : 10 May 2021 13:47
Operator : CG/JU
Sample : M2306-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C-1MSD

Manual Integrations APPROVED
mohammad
5/11/2021 2:31:49 PM

Quant Time: May 10 15:01:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 12:37:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	12437	20.00	ng		0.00
21) Naphthalene-d8	10.493	136	38820	20.00	ng		#-0.01
39) Acenaphthene-d10	14.351	164	29749	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	71028	20.00	ng		# 0.00
76) Chrysene-d12	21.198	240	94136	20.00	ng		# 0.00
86) Perylene-d12	23.504	264	107193	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	70465	108.73	ng		0.00
7) Phenol-d6	6.899	99	77385	95.76	ng		0.00
23) Nitrobenzene-d5	8.869	82	67223	68.16	ng		-0.01
42) 2,4,6-Tribromophenol	15.845	330	78612	93.12	ng		-0.01
45) 2-Fluorobiphenyl	12.969	172	171382	64.99	ng		-0.01
79) Terphenyl-d14	19.675	244	400187	72.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	12565	50.90	ng	#	91
3) Pyridine	3.599	79	27420	47.79	ng	#	82
4) n-Nitrosodimethylamine	3.511	42	23038	49.92	ng	#	9
6) Aniline	7.040	93	33258	38.13	ng	#	84
8) 2-Chlorophenol	7.275	128	28850	41.45	ng		90
9) Benzaldehyde	6.858	77	25001	62.73	ng	#	72
10) Phenol	6.922	94	34862	43.13	ng	#	51
11) bis(2-Chloroethyl)ether	7.146	93	22033	39.47	ng		93
12) 1,3-Dichlorobenzene	7.593	146	37622	40.63	ng	#	85
13) 1,4-Dichlorobenzene	7.740	146	37541	40.67	ng		97
14) 1,2-Dichlorobenzene	8.052	146	35478	40.10	ng		96
15) Benzyl Alcohol	7.957	79	32513	41.71	ng	#	68
16) 2,2'-oxybis(1-Chloropr...	8.246	45	10948	39.72	ng		73
17) 2-Methylphenol	8.169	107	21718	39.12	ng	#	79
18) Hexachloroethane	8.769	117	16413	42.93	ng		89
19) n-Nitroso-di-n-propyla...	8.522	70	23329	39.42	ng		94
20) 3+4-Methylphenols	8.499	107	28790	39.02	ng		87
22) Acetophenone	8.534	105	44350	40.50	ng	#	87
24) Nitrobenzene	8.916	77	39597	40.02	ng	#	86
25) Isophorone	9.440	82	55104	36.08	ng	#	96
26) 2-Nitrophenol	9.622	139	15996	38.61	ng	#	73
27) 2,4-Dimethylphenol	9.693	122	23106	42.14	ng	#	77
28) bis(2-Chloroethoxy)met...	9.922	93	26890	42.06	ng		95
29) 2,4-Dichlorophenol	10.157	162	33721	39.16	ng		97
30) 1,2,4-Trichlorobenzene	10.357	180	44348	40.32	ng		96
31) Naphthalene	10.546	128	81554	39.07	ng		98
32) Benzoic acid	9.875	122	16130	38.08	ng	#	78
33) 4-Chloroaniline	10.675	127	12164	14.96	ng		94
34) Hexachlorobutadiene	10.822	225	37963	41.38	ng		95
35) Caprolactam	11.481	113	6835m	34.50	ng		
36) 4-Chloro-3-methylphenol	11.816	107	29167	37.99	ng		96
37) 2-Methylnaphthalene	12.163	142	64860	38.73	ng		95
38) 1-Methylnaphthalene	12.381	142	61294	38.77	ng		93
40) 1,2,4,5-Tetrachloroben...	12.534	216	58162	42.55	ng	#	97
41) Hexachlorocyclopentadiene	12.504	237	67023	113.03	ng		98
43) 2,4,6-Trichlorophenol	12.787	196	34779	40.73	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	35853	38.90	ng		93
46) 1,1'-Biphenyl	13.181	154	94848	41.41	ng		98
47) 2-Chloronaphthalene	13.222	162	75456	39.56	ng		99
48) 2-Nitroaniline	13.445	65	22770	42.03	ng		92
49) Acenaphthylene	14.069	152	110716	40.30	ng		99
50) Dimethylphthalate	13.822	163	104550	40.71	ng	#	98
51) 2,6-Dinitrotoluene	13.945	165	19997	34.68	ng		94
52) Acenaphthene	14.416	154	67354	39.40	ng		95
53) 3-Nitroaniline	14.275	138	9645	23.34	ng		91
54) 2,4-Dinitrophenol	14.492	184	29111	83.69	ng	#	80
55) Dibenzofuran	14.751	168	122593	38.13	ng		94
56) 4-Nitrophenol	14.610	139	24973	80.07	ng	#	83
57) 2,4-Dinitrotoluene	14.739	165	30279	35.61	ng		87
58) Fluorene	15.404	166	101536	38.67	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	35840	38.90	ng	#	97
60) Diethylphthalate	15.187	149	97246	39.09	ng		98
61) 4-Chlorophenyl-phenyle...	15.398	204	65117	39.64	ng		97
62) 4-Nitroaniline	15.445	138	14705	37.05	ng	#	75
63) Azobenzene	15.692	77	102126	39.83	ng		87
65) 4,6-Dinitro-2-methylph...	15.504	198	21144	37.56	ng		93
66) n-Nitrosodiphenylamine	15.616	169	84917	40.96	ng		96
67) 4-Bromophenyl-phenylether	16.292	248	46559	41.99	ng		91
68) Hexachlorobenzene	16.404	284	59708	42.46	ng		100
69) Atrazine	16.581	200	40779	42.11	ng		98
70) Pentachlorophenol	16.757	266	66014	88.49	ng		96
71) Phenanthrene	17.145	178	164964	40.87	ng		99
72) Anthracene	17.233	178	166450	41.56	ng		99
73) Carbazole	17.516	167	134424	38.11	ng		98
74) Di-n-butylphthalate	18.069	149	161260	41.65	ng	#	95
75) Fluoranthene	19.122	202	219580	39.55	ng		98
77) Benzidine	19.310	184	86536	59.39	ng		98
78) Pyrene	19.469	202	224041	42.04	ng		99
80) Butylbenzylphthalate	20.351	149	71479	41.51	ng		93
81) Benzo(a)anthracene	21.180	228	245281	40.21	ng		98
82) 3,3'-Dichlorobenzidine	21.122	252	85906	37.38	ng	#	94
83) Chrysene	21.233	228	238581	40.35	ng		99
84) Bis(2-ethylhexyl)phtha...	21.110	149	109514	41.59	ng	#	96
85) Di-n-octyl phthalate	21.998	149	182080	41.17	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.915	276	411664	45.65	ng	#	97
88) Benzo(b)fluoranthene	22.804	252	286481	40.11	ng	#	98
89) Benzo(k)fluoranthene	22.851	252	284000	40.66	ng	#	99
90) Benzo(a)pyrene	23.404	252	280771	42.88	ng	#	98
91) Dibenzo(a,h)anthracene	25.921	278	358004	44.99	ng	#	98
92) Benzo(g,h,i)perylene	26.651	276	342229	46.48	ng	#	96

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

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