Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005526.D
Acq On : 13 May 2021 18:53
Operator : CG/JU
Sample : M2367-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PV-SP2MSD

Manual Integrations APPROVED
mohammad
5/14/2021 12:51:52 PM

Quant Time: May 14 02:12:55 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	7.687	152	14271	20.00	ng	-0.01
21) Naphthalene-d8	10.481	136	45876	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	35325	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	74327	20.00	ng	# 0.00
76) Chrysene-d12	21.192	240	67827	20.00	ng	# 0.00
86) Perylene-d12	23.504	264	79057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	88436	118.93	ng	0.00
7) Phenol-d6	6.887	99	98588	106.32	ng	0.00
23) Nitrobenzene-d5	8.857	82	84866	72.81	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	94185	93.96	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	230208	73.51	ng	-0.01
79) Terphenyl-d14	19.669	244	325923	81.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	10685	36.48	ng	# 87
3) Pyridine	3.581	79	28745	43.66	ng	# 79
4) n-Nitrosodimethylamine	3.493	42	25552	48.26	ng	# 7
6) Aniline	7.028	93	20727	20.71	ng	# 78
8) 2-Chlorophenol	7.257	128	35036	43.87	ng	90
9) Benzaldehyde	6.840	77	29752	65.21	ng	# 72
10) Phenol	6.916	94	41350	44.59	ng	# 44
11) bis(2-Chloroethyl)ether	7.122	93	27945	43.63	ng	98
12) 1,3-Dichlorobenzene	7.575	146	45548	42.86	ng	# 87
13) 1,4-Dichlorobenzene	7.722	146	46389	43.80	ng	99
14) 1,2-Dichlorobenzene	8.034	146	44408	43.75	ng	93
15) Benzyl Alcohol	7.946	79	40975	45.81	ng	# 73
16) 2,2'-oxybis(1-Chloropr...	8.228	45	13688	43.28	ng	# 60
17) 2-Methylphenol	8.157	107	27752	43.57	ng	# 80
18) Hexachloroethane	8.746	117	20372	46.43	ng	95
19) n-Nitroso-di-n-propyla...	8.504	70	28698	42.26	ng	95
20) 3+4-Methylphenols	8.493	107	36578	43.20	ng	# 80
22) Acetophenone	8.522	105	56575	43.71	ng	# 82
24) Nitrobenzene	8.899	77	48655	41.61	ng	# 88
25) Isophorone	9.428	82	70857	39.26	ng	# 95
26) 2-Nitrophenol	9.604	139	20967	42.83	ng	# 79
27) 2,4-Dimethylphenol	9.681	122	30848	47.60	ng	# 83
28) bis(2-Chloroethoxy)met...	9.904	93	35414	46.87	ng	95
29) 2,4-Dichlorophenol	10.151	162	41796	41.07	ng	99
30) 1,2,4-Trichlorobenzene	10.346	180	56294	43.31	ng	97
31) Naphthalene	10.528	128	105337	42.70	ng	99
32) Benzoic acid	9.893	122	19856	39.66	ng	# 78
33) 4-Chloroaniline	10.675	127	4626	4.81	ng	# 91
34) Hexachlorobutadiene	10.804	225	48441	44.68	ng	96
35) Caprolactam	11.481	113	8429	36.00	ng	# 83
36) 4-Chloro-3-methylphenol	11.810	107	37440	41.27	ng	95
37) 2-Methylnaphthalene	12.145	142	84104	42.50	ng	95
38) 1-Methylnaphthalene	12.369	142	77232m	41.34	ng	
40) 1,2,4,5-Tetrachloroben...	12.522	216	75102	46.27	ng	# 97
41) Hexachlorocyclopentadiene	12.487	237	81337	115.35	ng	97
43) 2,4,6-Trichlorophenol	12.775	196	43474	42.87	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	44781	40.92	ng		89
46) 1,1'-Biphenyl	13.169	154	119348	43.88	ng		93
47) 2-Chloronaphthalene	13.210	162	96328	42.54	ng		98
48) 2-Nitroaniline	13.439	65	27790	43.20	ng		88
49) Acenaphthylene	14.057	152	137751	42.22	ng		100
50) Dimethylphthalate	13.810	163	148919	48.84	ng		100
51) 2,6-Dinitrotoluene	13.939	165	25867	37.78	ng		88
52) Acenaphthene	14.404	154	83528	41.15	ng		96
53) 3-Nitroaniline	14.269	138	4450	9.07	ng		99
54) 2,4-Dinitrophenol	14.492	184	29339	71.03	ng	#	76
55) Dibenzofuran	14.739	168	151895	39.78	ng		95
56) 4-Nitrophenol	14.616	139	23777	64.20	ng	#	72
57) 2,4-Dinitrotoluene	14.734	165	36144	35.80	ng	#	84
58) Fluorene	15.392	166	124119	39.81	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.981	232	40727	37.22	ng	#	96
60) Diethylphthalate	15.175	149	115488	39.10	ng		96
61) 4-Chlorophenyl-phenyle...	15.386	204	82658	42.37	ng		97
62) 4-Nitroaniline	15.439	138	13200	28.01	ng	#	70
63) Azobenzene	15.681	77	122857	40.36	ng		83
65) 4,6-Dinitro-2-methylph...	15.504	198	22256	37.78	ng		94
66) n-Nitrosodiphenylamine	15.610	169	101840	46.95	ng	#	92
67) 4-Bromophenyl-phenylether	16.286	248	56169	48.41	ng		97
68) Hexachlorobenzene	16.398	284	68373	46.47	ng		98
69) Atrazine	16.575	200	45465	44.87	ng		97
70) Pentachlorophenol	16.757	266	64034	82.02	ng		95
71) Phenanthrene	17.139	178	177074	41.93	ng		98
72) Anthracene	17.227	178	181559	43.32	ng		99
73) Carbazole	17.510	167	131236	35.55	ng		100
74) Di-n-butylphthalate	18.063	149	162979	40.22	ng		96
75) Fluoranthene	19.116	202	199523	34.35	ng		97
77) Benzidine	19.310	184	47122	44.88	ng		97
78) Pyrene	19.469	202	199893	52.05	ng		99
80) Butylbenzylphthalate	20.345	149	59109	47.64	ng		87
81) Benzo(a)anthracene	21.180	228	184450	41.97	ng		98
82) 3,3'-Dichlorobenzidine	21.121	252	40811	24.64	ng	#	91
83) Chrysene	21.233	228	181325	42.56	ng		99
84) Bis(2-ethylhexyl)phtha...	21.104	149	86914	45.81	ng	#	97
85) Di-n-octyl phthalate	21.992	149	140409	44.06	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.904	276	312377	46.97	ng	#	96
88) Benzo(b)fluoranthene	22.798	252	211952	40.23	ng	#	98
89) Benzo(k)fluoranthene	22.845	252	210797	40.92	ng	#	99
90) Benzo(a)pyrene	23.398	252	209018	43.28	ng	#	98
91) Dibenzo(a,h)anthracene	25.915	278	271452	46.25	ng	#	98
92) Benzo(g,h,i)perylene	26.639	276	262978	48.43	ng	#	96

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

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