Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005525.D
Acq On : 13 May 2021 18:20
Operator : CG/JU
Sample : M2367-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PV-SP2MS

Manual Integrations APPROVED
mohammad
5/14/2021 12:51:50 PM

Quant Time: May 13 19:00:43 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	7.687	152	12197	20.00	ng		-0.01
21) Naphthalene-d8	10.481	136	38675	20.00	ng		#-0.01
39) Acenaphthene-d10	14.340	164	28886	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	64599	20.00	ng		# 0.00
76) Chrysene-d12	21.192	240	72442	20.00	ng		# 0.00
86) Perylene-d12	23.504	264	82116	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	75200	118.32	ng		0.00
7) Phenol-d6	6.887	99	82384	103.95	ng		0.00
23) Nitrobenzene-d5	8.858	82	72787	74.08	ng		0.00
42) 2,4,6-Tribromophenol	15.840	330	80488	98.19	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	189438	73.98	ng		-0.01
79) Terphenyl-d14	19.669	244	319533	74.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	10628	43.24	ng	#	89
3) Pyridine	3.581	79	26649	47.36	ng	#	76
4) n-Nitrosodimethylamine	3.493	42	22845	50.48	ng	#	5
6) Aniline	7.022	93	16138	18.87	ng	#	74
8) 2-Chlorophenol	7.258	128	30557	44.76	ng		97
9) Benzaldehyde	6.840	77	26758	68.83	ng	#	73
10) Phenol	6.911	94	35159	44.36	ng	#	48
11) bis(2-Chloroethyl)ether	7.122	93	23684	43.26	ng		95
12) 1,3-Dichlorobenzene	7.569	146	40582	44.68	ng	#	84
13) 1,4-Dichlorobenzene	7.722	146	41282	45.60	ng		98
14) 1,2-Dichlorobenzene	8.034	146	39494	45.52	ng		94
15) Benzyl Alcohol	7.946	79	32933	43.08	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.216	45	12101	44.77	ng	#	57
17) 2-Methylphenol	8.158	107	22732	41.76	ng	#	72
18) Hexachloroethane	8.752	117	17317	46.18	ng		88
19) n-Nitroso-di-n-propyla...	8.505	70	24849	42.82	ng	#	88
20) 3+4-Methylphenols	8.487	107	31500	43.53	ng		89
22) Acetophenone	8.522	105	48468	44.42	ng	#	85
24) Nitrobenzene	8.899	77	41465	42.07	ng	#	92
25) Isophorone	9.422	82	59383	39.03	ng	#	97
26) 2-Nitrophenol	9.605	139	17469	42.33	ng	#	82
27) 2,4-Dimethylphenol	9.681	122	25657	46.96	ng	#	76
28) bis(2-Chloroethoxy)met...	9.905	93	29963	47.04	ng		98
29) 2,4-Dichlorophenol	10.152	162	35593	41.49	ng		93
30) 1,2,4-Trichlorobenzene	10.346	180	47708	43.53	ng		95
31) Naphthalene	10.528	128	89541	43.05	ng	#	97
32) Benzoic acid	9.887	122	16685	39.54	ng	#	83
33) 4-Chloroaniline	10.669	127	4125	5.09	ng	#	85
34) Hexachlorobutadiene	10.805	225	42669	46.69	ng		98
35) Caprolactam	11.481	113	7050m	35.72	ng		
36) 4-Chloro-3-methylphenol	11.810	107	30949	40.47	ng		92
37) 2-Methylnaphthalene	12.152	142	71093	42.61	ng		93
38) 1-Methylnaphthalene	12.369	142	66410	42.17	ng		96
40) 1,2,4,5-Tetrachloroben...	12.522	216	61425	46.28	ng	#	97
41) Hexachlorocyclopentadiene	12.487	237	70414	121.65	ng		96
43) 2,4,6-Trichlorophenol	12.781	196	35880	43.27	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	36972	41.32	ng		94
46) 1,1'-Biphenyl	13.169	154	100913	45.37	ng		96
47) 2-Chloronaphthalene	13.210	162	80856	43.66	ng		98
48) 2-Nitroaniline	13.440	65	21988	41.80	ng		96
49) Acenaphthylene	14.057	152	114869	43.06	ng		99
50) Dimethylphthalate	13.810	163	126951	50.91	ng		99
51) 2,6-Dinitrotoluene	13.940	165	22229	39.70	ng		84
52) Acenaphthene	14.404	154	68746	41.42	ng		94
53) 3-Nitroaniline	14.275	138	4149	10.34	ng	#	95
54) 2,4-Dinitrophenol	14.493	184	27557	81.59	ng	#	78
55) Dibenzofuran	14.740	168	126103	40.39	ng		96
56) 4-Nitrophenol	14.622	139	21201	70.01	ng	#	78
57) 2,4-Dinitrotoluene	14.734	165	31584	38.26	ng	#	87
58) Fluorene	15.393	166	104386	40.95	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	34327	38.37	ng		95
60) Diethylphthalate	15.175	149	99955	41.38	ng		100
61) 4-Chlorophenyl-phenyle...	15.387	204	69688	43.68	ng		98
62) 4-Nitroaniline	15.440	138	10854	28.16	ng	#	60
63) Azobenzene	15.681	77	104686	42.05	ng		84
65) 4,6-Dinitro-2-methylph...	15.498	198	18646	36.42	ng		90
66) n-Nitrosodiphenylamine	15.610	169	85395	45.29	ng	#	93
67) 4-Bromophenyl-phenylether	16.287	248	47427	47.03	ng		98
68) Hexachlorobenzene	16.398	284	59543	46.56	ng		97
69) Atrazine	16.575	200	40536	46.03	ng		99
70) Pentachlorophenol	16.757	266	58480	86.19	ng		92
71) Phenanthrene	17.139	178	155701	42.42	ng		98
72) Anthracene	17.228	178	159827	43.87	ng		99
73) Carbazole	17.510	167	122334	38.13	ng		99
74) Di-n-butylphthalate	18.063	149	149522	42.46	ng	#	96
75) Fluoranthene	19.116	202	191612	37.95	ng		97
77) Benzidine	19.310	184	37187	33.16	ng		98
78) Pyrene	19.469	202	192741	46.99	ng		100
80) Butylbenzylphthalate	20.345	149	63635	48.02	ng		89
81) Benzo(a)anthracene	21.180	228	201961	43.02	ng		100
82) 3,3'-Dichlorobenzidine	21.116	252	45141	25.52	ng		95
83) Chrysene	21.233	228	193558	42.54	ng		99
84) Bis(2-ethylhexyl)phtha...	21.104	149	92579	45.69	ng	#	97
85) Di-n-octyl phthalate	21.992	149	152963	44.94	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.904	276	327573	47.42	ng	#	96
88) Benzo(b)fluoranthene	22.798	252	227400	41.56	ng	#	99
89) Benzo(k)fluoranthene	22.845	252	223810	41.83	ng	#	96
90) Benzo(a)pyrene	23.398	252	220120	43.89	ng	#	97
91) Dibenzo(a,h)anthracene	25.910	278	284513	46.67	ng	#	97
92) Benzo(g,h,i)perylene	26.639	276	272603	48.33	ng	#	94

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

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