Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
Data File : BP005586.D
Acq On : 17 May 2021 18:14
Operator : CG/JU
Sample : M2413-05MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124055MS

Manual Integrations APPROVED
mohammad
5/19/2021 11:37:26 AM

Quant Time: May 18 00:52:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	10844	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	37181	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	29174	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	73646	20.00	ng	# 0.00
76) Chrysene-d12	21.175	240	104471	20.00	ng	# 0.00
86) Perylene-d12	23.469	264	120447	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	64965	114.97	ng	0.00
7) Phenol-d6	6.864	99	76448	108.50	ng	0.00
23) Nitrobenzene-d5	8.834	82	68098	72.09	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	82373	99.50	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	173553	67.11	ng	0.00
79) Terphenyl-d14	19.645	244	388259	63.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	8410	37.96	ng	# 87
3) Pyridine	3.558	79	22579	45.13	ng	# 79
4) n-Nitrosodimethylamine	3.470	42	17478	43.44	ng	# 7
6) Aniline	7.005	93	19902	26.17	ng	# 85
8) 2-Chlorophenol	7.234	128	28208	46.48	ng	91
9) Benzaldehyde	6.817	77	22737	65.60	ng	# 70
10) Phenol	6.893	94	33923	48.14	ng	# 49
11) bis(2-Chloroethyl)ether	7.099	93	21223	43.60	ng	97
12) 1,3-Dichlorobenzene	7.546	146	35718	44.24	ng	# 85
13) 1,4-Dichlorobenzene	7.699	146	36208	44.99	ng	94
14) 1,2-Dichlorobenzene	8.011	146	34455	44.67	ng	99
15) Benzyl Alcohol	7.922	79	32758	48.20	ng	# 74
16) 2,2'-oxybis(1-Chloropr...	8.187	45	10672	44.41	ng	# 60
17) 2-Methylphenol	8.134	107	22671	46.84	ng	# 74
18) Hexachloroethane	8.722	117	15656	46.96	ng	88
19) n-Nitroso-di-n-propyla...	8.481	70	23870	46.26	ng	93
20) 3+4-Methylphenols	8.469	107	30137	46.84	ng	# 84
22) Acetophenone	8.499	105	43817	41.77	ng	# 83
24) Nitrobenzene	8.875	77	40044	42.26	ng	95
25) Isophorone	9.399	82	58260	39.83	ng	# 96
26) 2-Nitrophenol	9.581	139	15679	39.52	ng	# 73
27) 2,4-Dimethylphenol	9.658	122	25068	47.73	ng	# 84
28) bis(2-Chloroethoxy)met...	9.881	93	27388	44.72	ng	97
29) 2,4-Dichlorophenol	10.128	162	34877	42.29	ng	93
30) 1,2,4-Trichlorobenzene	10.322	180	43958	41.72	ng	97
31) Naphthalene	10.499	128	83837	41.93	ng	98
32) Benzoic acid	9.869	122	16648	41.03	ng	# 82
33) 4-Chloroaniline	10.652	127	8412	10.80	ng	93
34) Hexachlorobutadiene	10.775	225	38463	43.78	ng	99
35) Caprolactam	11.452	113	7814m	41.18	ng	
36) 4-Chloro-3-methylphenol	11.787	107	31860	43.33	ng	94
37) 2-Methylnaphthalene	12.122	142	68903	42.96	ng	94
38) 1-Methylnaphthalene	12.346	142	64180	42.39	ng	95
40) 1,2,4,5-Tetrachloroben...	12.499	216	60219	44.93	ng	96
41) Hexachlorocyclopentadiene	12.463	237	49428	86.95	ng	95
43) 2,4,6-Trichlorophenol	12.757	196	36371	43.43	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	37765	41.79	ng		87
46) 1,1'-Biphenyl	13.146	154	101977	45.40	ng		96
47) 2-Chloronaphthalene	13.187	162	81856	43.77	ng		99
48) 2-Nitroaniline	13.416	65	23836	44.86	ng		97
49) Acenaphthylene	14.034	152	121059	44.93	ng		99
50) Dimethylphthalate	13.787	163	140235	55.68	ng		99
51) 2,6-Dinitrotoluene	13.916	165	23023	40.71	ng		93
52) Acenaphthene	14.381	154	69252	41.31	ng		95
53) 3-Nitroaniline	14.251	138	7927	19.56	ng		99
54) 2,4-Dinitrophenol	14.475	184	29968	87.85	ng	#	75
55) Dibenzofuran	14.716	168	134432	42.63	ng		97
56) 4-Nitrophenol	14.599	139	25122	82.14	ng	#	82
57) 2,4-Dinitrotoluene	14.716	165	36335	43.58	ng	#	90
58) Fluorene	15.369	166	112424	43.67	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.957	232	40150	44.43	ng		97
60) Diethylphthalate	15.151	149	107729	44.16	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	73479	45.61	ng		97
62) 4-Nitroaniline	15.422	138	14159	36.37	ng	#	78
63) Azobenzene	15.657	77	115307	45.86	ng		89
65) 4,6-Dinitro-2-methylph...	15.487	198	21754	37.27	ng		94
66) n-Nitrosodiphenylamine	15.587	169	95646	44.50	ng	#	93
67) 4-Bromophenyl-phenylether	16.257	248	52530	45.70	ng		99
68) Hexachlorobenzene	16.375	284	63288	43.41	ng		98
69) Atrazine	16.551	200	47177	46.99	ng		99
70) Pentachlorophenol	16.734	266	66300	85.71	ng		94
71) Phenanthrene	17.116	178	185880	44.42	ng		99
72) Anthracene	17.204	178	189733	45.69	ng		99
73) Carbazole	17.492	167	152804	41.78	ng		98
74) Di-n-butylphthalate	18.040	149	184137	45.87	ng	#	96
75) Fluoranthene	19.092	202	261654	45.46	ng		97
77) Benzidine	19.287	184	130121	80.47	ng		99
78) Pyrene	19.445	202	268430	45.38	ng		99
80) Butylbenzylphthalate	20.328	149	89510	46.84	ng		92
81) Benzo(a)anthracene	21.163	228	306426	45.26	ng		100
82) 3,3'-Dichlorobenzidine	21.098	252	90294	35.40	ng	#	95
83) Chrysene	21.210	228	295309	45.01	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	139200	47.64	ng	#	96
85) Di-n-octyl phthalate	21.969	149	236981	48.28	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.857	276	445349	43.95	ng	#	96
88) Benzo(b)fluoranthene	22.769	252	358646	44.68	ng	#	97
89) Benzo(k)fluoranthene	22.816	252	353729	45.07	ng	#	98
90) Benzo(a)pyrene	23.369	252	344921	46.88	ng	#	97
91) Dibenzo(a,h)anthracene	25.863	278	387630	43.35	ng	#	97
92) Benzo(g,h,i)perylene	26.586	276	343477	41.52	ng	#	94

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

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