Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
Data File : BP005509.D
Acq On : 12 May 2021 17:59
Operator : CG/JU
Sample : M2364-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

Manual Integrations APPROVED
Sohil
5/13/2021 2:51:58 PM

Quant Time: May 12 18:43:38 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	15913	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	46640	20.00	ng		#-0.01
39) Acenaphthene-d10	14.346	164	38443	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	104746	20.00	ng		# 0.00
76) Chrysene-d12	21.198	240	139963	20.00	ng		# 0.00
86) Perylene-d12	23.510	264	132587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	143476	173.03	ng		0.00
7) Phenol-d6	6.893	99	122672	118.64	ng		0.00
23) Nitrobenzene-d5	8.864	82	120206	101.44	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	150457	137.92	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	316357	92.83	ng		0.00
79) Terphenyl-d14	19.675	244	837284	101.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	31130	103.07	ng	#	54
3) Pyridine	3.605	79	52986	72.17	ng	#	88
4) n-Nitrosodimethylamine	3.505	42	45831	77.62	ng	#	13
6) Aniline	7.034	93	11973	10.73	ng	#	72
8) 2-Chlorophenol	7.264	128	42329	47.53	ng		91
9) Benzaldehyde	6.846	77	36904	72.99	ng	#	74
10) Phenol	6.917	94	45799	44.29	ng	#	49
11) bis(2-Chloroethyl)ether	7.128	93	34392	48.15	ng		99
12) 1,3-Dichlorobenzene	7.575	146	50376	42.52	ng	#	84
13) 1,4-Dichlorobenzene	7.728	146	51575	43.67	ng		98
14) 1,2-Dichlorobenzene	8.040	146	46376	40.97	ng		95
15) Benzyl Alcohol	7.952	79	49893	50.02	ng	#	73
16) 2,2'-oxybis(1-Chloropr...	8.234	45	15815	44.85	ng	#	66
17) 2-Methylphenol	8.164	107	31219	43.96	ng	#	81
18) Hexachloroethane	8.758	117	21406	43.76	ng	#	84
19) n-Nitroso-di-n-propyla...	8.511	70	37117	49.02	ng		94
20) 3+4-Methylphenols	8.499	107	42509	45.02	ng		83
22) Acetophenone	8.528	105	67721	51.47	ng	#	90
24) Nitrobenzene	8.905	77	58301	49.05	ng		93
25) Isophorone	9.428	82	85800	46.76	ng	#	96
26) 2-Nitrophenol	9.611	139	22582	45.37	ng	#	70
27) 2,4-Dimethylphenol	9.687	122	34198	51.91	ng	#	74
28) bis(2-Chloroethoxy)met...	9.911	93	41227	53.67	ng		99
29) 2,4-Dichlorophenol	10.152	162	47588	46.00	ng		98
30) 1,2,4-Trichlorobenzene	10.352	180	59918	45.34	ng		96
31) Naphthalene	10.534	128	111011	44.26	ng		98
32) Benzoic acid	9.905	122	19040	37.41	ng	#	79
33) 4-Chloroaniline	10.675	127	4857	4.97	ng	#	93
34) Hexachlorobutadiene	10.810	225	53421	48.47	ng		99
35) Caprolactam	11.493	113	7964m	33.46	ng		
36) 4-Chloro-3-methylphenol	11.816	107	43222	46.86	ng		96
37) 2-Methylnaphthalene	12.152	142	90907	45.19	ng		96
38) 1-Methylnaphthalene	12.375	142	84001	44.23	ng		100
40) 1,2,4,5-Tetrachloroben...	12.528	216	85173	48.22	ng		98
41) Hexachlorocyclopentadiene	12.499	237	91261	118.68	ng		99
43) 2,4,6-Trichlorophenol	12.781	196	49935	45.25	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	53940	45.29	ng		92
46) 1,1'-Biphenyl	13.175	154	137415	46.43	ng		97
47) 2-Chloronaphthalene	13.216	162	110262	44.74	ng		99
48) 2-Nitroaniline	13.440	65	33387	47.69	ng		96
49) Acenaphthylene	14.063	152	164161	46.24	ng		99
50) Dimethylphthalate	13.822	163	174948	52.72	ng	#	99
51) 2,6-Dinitrotoluene	13.946	165	32474	43.58	ng		95
52) Acenaphthene	14.410	154	98166	44.44	ng		95
53) 3-Nitroaniline	14.281	138	5341	10.00	ng	#	98
54) 2,4-Dinitrophenol	14.499	184	42635	94.85	ng	#	70
55) Dibenzofuran	14.746	168	197287	47.48	ng		97
56) 4-Nitrophenol	14.616	139	31458	78.06	ng	#	80
57) 2,4-Dinitrotoluene	14.740	165	51301	46.69	ng	#	86
58) Fluorene	15.398	166	165898	48.90	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.987	232	56035	47.06	ng		96
60) Diethylphthalate	15.181	149	161596	50.27	ng		99
61) 4-Chlorophenyl-phenyle...	15.393	204	109678	51.66	ng		99
62) 4-Nitroaniline	15.446	138	17286	33.70	ng	#	60
63) Azobenzene	15.687	77	168616	50.89	ng		86
65) 4,6-Dinitro-2-methylph...	15.504	198	32503	39.16	ng		94
66) n-Nitrosodiphenylamine	15.616	169	136324	44.59	ng		93
67) 4-Bromophenyl-phenylether	16.293	248	77864	47.62	ng		98
68) Hexachlorobenzene	16.404	284	93664	45.17	ng		99
69) Atrazine	16.581	200	70168	49.14	ng		99
70) Pentachlorophenol	16.757	266	105720	96.09	ng		98
71) Phenanthrene	17.145	178	267297	44.91	ng		100
72) Anthracene	17.234	178	276331	46.78	ng		99
73) Carbazole	17.516	167	217285	41.77	ng		97
74) Di-n-butylphthalate	18.069	149	286047	50.10	ng	#	96
75) Fluoranthene	19.122	202	370778	45.29	ng		98
77) Benzidine	19.316	184	81273	37.51	ng		99
78) Pyrene	19.475	202	380878	48.07	ng		100
80) Butylbenzylphthalate	20.351	149	129723	50.67	ng		88
81) Benzo(a)anthracene	21.186	228	410985	45.31	ng		99
82) 3,3'-Dichlorobenzidine	21.122	252	57721	16.89	ng	#	99
83) Chrysene	21.239	228	404986	46.07	ng		98
84) Bis(2-ethylhexyl)phtha...	21.110	149	206162	52.66	ng	#	99
85) Di-n-octyl phthalate	22.004	149	340510	51.78	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.921	276	459243	41.17	ng	#	96
88) Benzo(b)fluoranthene	22.810	252	429381	48.60	ng	#	98
89) Benzo(k)fluoranthene	22.857	252	409784	47.43	ng	#	96
90) Benzo(a)pyrene	23.410	252	377750	46.64	ng	#	98
91) Dibenzo(a,h)anthracene	25.927	278	399422	40.58	ng	#	99
92) Benzo(g,h,i)perylene	26.657	276	366200	40.21	ng	#	95

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

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