Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060121\
Data File : BP005661.D
Acq On : 01 Jun 2021 18:11
Operator : CG/JU
Sample : M2571-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SA-1MSD

Manual Integrations APPROVED
mohammad
6/2/2021 10:52:43 AM

Quant Time: Jun 01 18:55:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	266979	20.00	ng	0.00
21) Naphthalene-d8	10.793	136	1034055	20.00	ng	# 0.00
39) Acenaphthene-d10	14.604	164	593832	20.00	ng	0.00
64) Phenanthrene-d10	17.351	188	1059817	20.00	ng	# 0.00
76) Chrysene-d12	21.416	240	843016	20.00	ng	# 0.00
86) Perylene-d12	23.851	264	852167	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	1676403	97.62	ng	0.00
7) Phenol-d6	7.152	99	2068138	88.35	ng	0.00
23) Nitrobenzene-d5	9.151	82	1309153	70.41	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	790078	103.76	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	2797566	62.35	ng	0.00
79) Terphenyl-d14	19.892	244	3270128	72.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	262581	33.41	ng	# 86
3) Pyridine	3.828	79	680079	34.96	ng	# 88
4) n-Nitrosodimethylamine	3.734	42	376547	43.46	ng	# 25
6) Aniline	7.310	93	748974	27.37	ng	93
8) 2-Chlorophenol	7.552	128	820567	42.68	ng	93
9) Benzaldehyde	7.122	77	543025	53.58	ng	89
10) Phenol	7.175	94	1021655	42.74	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	762678	41.33	ng	98
12) 1,3-Dichlorobenzene	7.875	146	881618	40.39	ng	98
13) 1,4-Dichlorobenzene	8.022	146	894934	40.46	ng	97
14) 1,2-Dichlorobenzene	8.340	146	856354	40.48	ng	100
15) Benzyl Alcohol	8.228	79	706625	42.08	ng	# 83
16) 2,2'-oxybis(1-Chloropr...	8.522	45	882172	41.76	ng	81
17) 2-Methylphenol	8.428	107	655991	42.16	ng	96
18) Hexachloroethane	9.069	117	330117	42.06	ng	88
19) n-Nitroso-di-n-propyla...	8.799	70	587696	39.47	ng	95
20) 3+4-Methylphenols	8.757	107	852887	41.15	ng	94
22) Acetophenone	8.810	105	1160096	42.06	ng	# 96
24) Nitrobenzene	9.193	77	877000	42.46	ng	93
25) Isophorone	9.722	82	1493505	36.18	ng	# 97
26) 2-Nitrophenol	9.904	139	401495	50.60	ng	# 81
27) 2,4-Dimethylphenol	9.963	122	708490	44.71	ng	98
28) bis(2-Chloroethoxy)met...	10.204	93	946787	42.62	ng	98
29) 2,4-Dichlorophenol	10.440	162	721766	42.35	ng	98
30) 1,2,4-Trichlorobenzene	10.657	180	798947	39.58	ng	99
31) Naphthalene	10.845	128	2340087	38.00	ng	99
32) Benzoic acid	10.116	122	481336	54.37	ng	96
33) 4-Chloroaniline	10.951	127	178525	6.96	ng	# 91
34) Hexachlorobutadiene	11.134	225	510183	40.47	ng	99
35) Caprolactam	11.745	113	205532	44.04	ng	# 61
36) 4-Chloro-3-methylphenol	12.069	107	712684	39.73	ng	95
37) 2-Methylnaphthalene	12.445	142	1641490	37.62	ng	# 88
38) 1-Methylnaphthalene	12.663	142	1513220	36.55	ng	# 94
40) 1,2,4,5-Tetrachloroben...	12.810	216	893807	45.12	ng	# 97
41) Hexachlorocyclopentadiene	12.792	237	1191076	108.00	ng	98
43) 2,4,6-Trichlorophenol	13.045	196	561400	46.72	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	605687	46.62	ng	#	95
46) 1,1'-Biphenyl	13.445	154	2034959	42.20	ng		98
47) 2-Chloronaphthalene	13.487	162	1560072	39.80	ng		99
48) 2-Nitroaniline	13.687	65	432873	46.66	ng	#	81
49) Acenaphthylene	14.328	152	2443434	40.00	ng		99
50) Dimethylphthalate	14.069	163	2035159	43.09	ng		99
51) 2,6-Dinitrotoluene	14.181	165	391203	38.61	ng	#	69
52) Acenaphthene	14.675	154	1459236	36.74	ng		97
53) 3-Nitroaniline	14.504	138	170718	18.94	ng		84
54) 2,4-Dinitrophenol	14.716	184	407924	93.18	ng		93
55) Dibenzofuran	15.004	168	2252420	37.00	ng		98
56) 4-Nitrophenol	14.816	139	670070	76.24	ng	#	58
57) 2,4-Dinitrotoluene	14.963	165	518680	40.88	ng	#	69
58) Fluorene	15.651	166	1834039	37.68	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.228	232	506616m	45.07	ng		
60) Diethylphthalate	15.428	149	1804542	38.08	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	941368	38.69	ng		99
62) 4-Nitroaniline	15.669	138	373296	35.53	ng	#	47
63) Azobenzene	15.939	77	1832646	36.93	ng		95
65) 4,6-Dinitro-2-methylph...	15.722	198	249532	46.95	ng		80
66) n-Nitrosodiphenylamine	15.857	169	1528459	42.32	ng		93
67) 4-Bromophenyl-phenylether	16.539	248	574710	45.01	ng		97
68) Hexachlorobenzene	16.657	284	664967	43.74	ng		95
69) Atrazine	16.810	200	528430	51.20	ng		96
70) Pentachlorophenol	16.998	266	803698	105.41	ng		95
71) Phenanthrene	17.392	178	2610041	39.53	ng		100
72) Anthracene	17.480	178	2670889	40.97	ng		99
73) Carbazole	17.745	167	2257966	35.19	ng		100
74) Di-n-butylphthalate	18.298	149	2782427	40.50	ng	#	91
75) Fluoranthene	19.345	202	2741625	34.59	ng		96
77) Benzidine	19.522	184	856662	53.51	ng		99
78) Pyrene	19.698	202	2749795	46.23	ng		98
80) Butylbenzylphthalate	20.563	149	1040225	43.64	ng	#	95
81) Benzo(a)anthracene	21.398	228	2450720	39.61	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	581196	29.08	ng	#	96
83) Chrysene	21.451	228	2362415	39.43	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1507021	44.85	ng	#	95
85) Di-n-octyl phthalate	22.257	149	2349157	41.60	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.415	276	3289226	45.37	ng	#	90
88) Benzo(b)fluoranthene	23.104	252	2491541	40.30	ng	#	97
89) Benzo(k)fluoranthene	23.157	252	2348707	40.09	ng	#	97
90) Benzo(a)pyrene	23.745	252	2378254	42.28	ng	#	96
91) Dibenzo(a,h)anthracene	26.433	278	2786552	44.29	ng	#	94
92) Benzo(g,h,i)perylene	27.203	276	2792018	46.01	ng	#	92

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

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