Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
Data File : BP005128.D
Acq On : 31 Mar 2021 18:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 31 19:06:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 26 10:07:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	28878	20.00	ng		0.00
21) Naphthalene-d8	10.504	136	109069	20.00	ng		# 0.00
39) Acenaphthene-d10	14.369	164	69484	20.00	ng		0.00
64) Phenanthrene-d10	17.128	188	131793	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	125888	20.00	ng		0.00
86) Perylene-d12	23.510	264	129568	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.311	112	149842	79.85	ng		0.00
7) Phenol-d6	6.893	99	216216	80.44	ng		0.00
23) Nitrobenzene-d5	8.875	82	196841	77.44	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	68063	75.18	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	389743	75.88	ng		0.00
79) Terphenyl-d14	19.704	244	558040	80.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	30082	36.81	ng		97
3) Pyridine	3.652	79	80996	39.86	ng		98
4) n-Nitrosodimethylamine	3.564	42	27202	37.44	ng		81
6) Aniline	7.052	93	114449	37.57	ng	#	87
8) 2-Chlorophenol	7.281	128	77558	39.19	ng		83
9) Benzaldehyde	6.863	77	62165	45.41	ng	#	78
10) Phenol	6.922	94	106405	38.63	ng		83
11) bis(2-Chloroethyl)ether	7.146	93	79074	39.21	ng		93
12) 1,3-Dichlorobenzene	7.605	146	83868	38.14	ng	#	92
13) 1,4-Dichlorobenzene	7.746	146	84758	37.97	ng	#	92
14) 1,2-Dichlorobenzene	8.063	146	79622	37.18	ng	#	92
15) Benzyl Alcohol	7.957	79	82429	39.75	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.252	45	61956	41.88	ng		90
17) 2-Methylphenol	8.163	107	70319	40.00	ng	#	90
18) Hexachloroethane	8.787	117	32229	37.88	ng		90
19) n-Nitroso-di-n-propyla...	8.522	70	65839	37.76	ng	#	93
20) 3+4-Methylphenols	8.493	107	94718	39.46	ng		93
22) Acetophenone	8.540	105	125258	39.95	ng		94
24) Nitrobenzene	8.916	77	99737	37.23	ng	#	80
25) Isophorone	9.440	82	181310	38.64	ng	#	89
26) 2-Nitrophenol	9.622	139	44819	43.14	ng	#	71
27) 2,4-Dimethylphenol	9.687	122	65199	39.02	ng	#	83
28) bis(2-Chloroethoxy)met...	9.922	93	93271	39.28	ng		98
29) 2,4-Dichlorophenol	10.157	162	71917	38.47	ng		89
30) 1,2,4-Trichlorobenzene	10.369	180	77458	36.89	ng		90
31) Naphthalene	10.551	128	233418	37.88	ng		99
32) Benzoic acid	9.851	122	58705	47.33	ng	#	69
33) 4-Chloroaniline	10.669	127	94682	37.98	ng	#	87
34) Hexachlorobutadiene	10.834	225	49573	36.69	ng		98
35) Caprolactam	11.481	113	27399	44.66	ng		83
36) 4-Chloro-3-methylphenol	11.804	107	87638	38.81	ng	#	79
37) 2-Methylnaphthalene	12.175	142	164856	37.06	ng	#	96
38) 1-Methylnaphthalene	12.393	142	157559	37.78	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.545	216	86838	38.38	ng		99
41) Hexachlorocyclopentadiene	12.522	237	49100	39.89	ng		97
43) 2,4,6-Trichlorophenol	12.792	196	61316	39.20	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	64447	38.05	ng	#	93
46) 1,1'-Biphenyl	13.198	154	206617	38.99	ng		97
47) 2-Chloronaphthalene	13.240	162	159750	37.03	ng		99
48) 2-Nitroaniline	13.451	65	54325	39.52	ng	#	64
49) Acenaphthylene	14.087	152	251805	37.53	ng		99
50) Dimethylphthalate	13.834	163	193899	36.23	ng	#	99
51) 2,6-Dinitrotoluene	13.951	165	47389	37.57	ng	#	64
52) Acenaphthene	14.434	154	152539	36.95	ng		99
53) 3-Nitroaniline	14.281	138	44052	37.95	ng	#	63
54) 2,4-Dinitrophenol	14.492	184	30076	39.38	ng	#	79
55) Dibenzofuran	14.769	168	246081	36.37	ng		99
56) 4-Nitrophenol	14.604	139	38498	40.43	ng	#	52
57) 2,4-Dinitrotoluene	14.745	165	63985	38.41	ng	#	64
58) Fluorene	15.422	166	196367	35.94	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	57667	36.91	ng		97
60) Diethylphthalate	15.204	149	191633	36.61	ng		99
61) 4-Chlorophenyl-phenyle...	15.422	204	102332	35.29	ng		97
62) 4-Nitroaniline	15.451	138	46881	39.31	ng	#	64
63) Azobenzene	15.716	77	211530	35.35	ng		88
65) 4,6-Dinitro-2-methylph...	15.510	198	41191	42.83	ng		84
66) n-Nitrosodiphenylamine	15.639	169	170831	40.32	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	60389	39.55	ng		94
68) Hexachlorobenzene	16.428	284	65811	38.32	ng		96
69) Atrazine	16.598	200	63343	45.02	ng		98
70) Pentachlorophenol	16.781	266	48025	42.36	ng		99
71) Phenanthrene	17.169	178	291328	38.13	ng		98
72) Anthracene	17.263	178	293581	39.33	ng		98
73) Carbazole	17.539	167	280497	39.99	ng		97
74) Di-n-butylphthalate	18.092	149	318590	41.28	ng	#	98
75) Fluoranthene	19.145	202	338228	37.63	ng		98
77) Benzidine	19.333	184	38464	13.93	ng		96
78) Pyrene	19.504	202	345281	39.91	ng		98
80) Butylbenzylphthalate	20.380	149	140978	43.92	ng	#	76
81) Benzo(a)anthracene	21.210	228	331551	38.77	ng		97
82) 3,3'-Dichlorobenzidine	21.145	252	106539	37.07	ng		98
83) Chrysene	21.263	228	323277	38.51	ng		97
84) Bis(2-ethylhexyl)phtha...	21.139	149	210674	44.76	ng	#	95
85) Di-n-octyl phthalate	22.021	149	351736	44.33	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.862	276	371251	38.22	ng		98
88) Benzo(b)fluoranthene	22.821	252	331571	36.04	ng		99
89) Benzo(k)fluoranthene	22.863	252	325295	36.89	ng		98
90) Benzo(a)pyrene	23.410	252	306203	37.11	ng		99
91) Dibenzo(a,h)anthracene	25.868	278	324475	38.62	ng		99
92) Benzo(g,h,i)perylene	26.568	276	313581	38.68	ng		97

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

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