Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004505.D
Acq On : 12 Jan 2021 15:19
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP011221

Quant Time: Jan 12 15:48:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	221451	20.00	ng		0.00
21) Naphthalene-d8	10.622	136	841444	20.00	ng		# 0.01
39) Acenaphthene-d10	14.475	164	563508	20.00	ng		0.00
64) Phenanthrene-d10	17.240	188	1249252	20.00	ng		0.01
76) Chrysene-d12	21.333	240	1332880	20.00	ng		0.01
86) Perylene-d12	23.692	264	1440415	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	915653	72.07	ng		0.01
7) Phenol-d6	6.993	99	1248541	71.75	ng		0.00
23) Nitrobenzene-d5	8.981	82	1081032	72.63	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	718979	73.38	ng		0.01
45) 2-Fluorobiphenyl	13.093	172	3065809	70.73	ng		0.01
79) Terphenyl-d14	19.804	244	5105524	69.98	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	182624	35.56	ng		93
3) Pyridine	3.728	79	497576	36.15	ng		92
4) n-Nitrosodimethylamine	3.646	42	156573	35.98	ng		90
6) Aniline	7.152	93	703408	35.53	ng		96
8) 2-Chlorophenol	7.393	128	515127	35.70	ng		94
9) Benzaldehyde	6.964	77	298443	40.11	ng		91
10) Phenol	7.022	94	600540	35.99	ng		96
11) bis(2-Chloroethyl)ether	7.252	93	475267	35.59	ng		97
12) 1,3-Dichlorobenzene	7.711	146	633243	35.50	ng		97
13) 1,4-Dichlorobenzene	7.858	146	638542	35.38	ng		98
14) 1,2-Dichlorobenzene	8.175	146	608084	35.28	ng		100
15) Benzyl Alcohol	8.064	79	407474	36.14	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.358	45	497812	35.15	ng		95
17) 2-Methylphenol	8.269	107	415437	35.29	ng		99
18) Hexachloroethane	8.899	117	218427	35.02	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	343109	35.15	ng		94
20) 3+4-Methylphenols	8.599	107	575402	35.82	ng		98
22) Acetophenone	8.646	105	748738	36.05	ng	#	96
24) Nitrobenzene	9.022	77	524603	36.02	ng		91
25) Isophorone	9.552	82	962661	35.87	ng		96
26) 2-Nitrophenol	9.734	139	295106	36.76	ng	#	92
27) 2,4-Dimethylphenol	9.799	122	405181	36.44	ng		98
28) bis(2-Chloroethoxy)met...	10.034	93	659314	35.80	ng		99
29) 2,4-Dichlorophenol	10.275	162	539768	36.56	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	636082	35.81	ng		98
31) Naphthalene	10.669	128	1644786	35.59	ng		100
32) Benzoic acid	9.946	122	336514	38.56	ng		88
33) 4-Chloroaniline	10.781	127	717136	35.93	ng		97
34) Hexachlorobutadiene	10.958	225	423973	35.52	ng		100
35) Caprolactam	11.557	113	171344	36.35	ng	#	77
36) 4-Chloro-3-methylphenol	11.916	107	510218	36.29	ng		99
37) 2-Methylnaphthalene	12.287	142	1229644	36.19	ng		99
38) 1-Methylnaphthalene	12.504	142	1161942	36.02	ng		98
40) 1,2,4,5-Tetrachloroben...	12.657	216	724605	35.80	ng		98
41) Hexachlorocyclopentadiene	12.640	237	299043	38.35	ng		97
43) 2,4,6-Trichlorophenol	12.904	196	478999	36.36	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	503207	36.75	ng		98
46) 1,1'-Biphenyl	13.304	154	1601090	35.54	ng		99
47) 2-Chloronaphthalene	13.346	162	1323704	35.50	ng		98
48) 2-Nitroaniline	13.551	65	314514	36.48	ng		85
49) Acenaphthylene	14.198	152	1995034	35.82	ng		100
50) Dimethylphthalate	13.934	163	1665438	35.67	ng		99
51) 2,6-Dinitrotoluene	14.051	165	362498	36.41	ng		94
52) Acenaphthene	14.540	154	1206386	35.53	ng		99
53) 3-Nitroaniline	14.381	138	397402	36.68	ng		90
54) 2,4-Dinitrophenol	14.604	184	195769	39.69	ng		96
55) Dibenzofuran	14.875	168	1954923	35.56	ng		98
56) 4-Nitrophenol	14.704	139	293129	38.97	ng		92
57) 2,4-Dinitrotoluene	14.851	165	506164	37.19	ng		95
58) Fluorene	15.528	166	1564716	35.65	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	473907	36.88	ng	#	91
60) Diethylphthalate	15.304	149	1635967	35.83	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	880107	35.48	ng		93
62) 4-Nitroaniline	15.551	138	420392	36.74	ng		96
63) Azobenzene	15.816	77	1228770	35.54	ng		95
65) 4,6-Dinitro-2-methylph...	15.622	198	273189	37.54	ng		97
66) n-Nitrosodiphenylamine	15.740	169	1389765	35.89	ng		100
67) 4-Bromophenyl-phenylether	16.422	248	593318	35.54	ng		95
68) Hexachlorobenzene	16.545	284	711428	35.67	ng		93
69) Atrazine	16.698	200	496923	36.48	ng		97
70) Pentachlorophenol	16.892	266	337944	37.76	ng		96
71) Phenanthrene	17.281	178	2546484	35.55	ng		100
72) Anthracene	17.369	178	2474726	35.66	ng		100
73) Carbazole	17.645	167	2305361	35.64	ng		99
74) Di-n-butylphthalate	18.192	149	2785801	35.63	ng		99
75) Fluoranthene	19.251	202	3130933	35.93	ng		100
77) Benzidine	19.428	184	1217085	34.90	ng		99
78) Pyrene	19.604	202	3179814	35.06	ng		100
80) Butylbenzylphthalate	20.475	149	1296990	35.36	ng		95
81) Benzo(a)anthracene	21.316	228	3201751	35.31	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	1166787	35.70	ng		98
83) Chrysene	21.369	228	3076220	35.65	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	1829038	34.92	ng	#	97
85) Di-n-octyl phthalate	22.145	149	3142860	35.33	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.133	276	4095916	36.85	ng	#	95
88) Benzo(b)fluoranthene	22.980	252	3381645	36.27	ng		98
89) Benzo(k)fluoranthene	23.022	252	3337897	37.54	ng		98
90) Benzo(a)pyrene	23.592	252	3189131	36.67	ng		98
91) Dibenzo(a,h)anthracene	26.139	278	3386484	36.92	ng	#	97
92) Benzo(g,h,i)perylene	26.874	276	3326107	36.82	ng		96

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

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