Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004577.D
Acq On : 15 Jan 2021 14:47
Operator : CG/JU
Sample : M1090-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BORE-3-1FT-7FTMSD

Quant Time: Jan 15 16:34:12 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	7.804	152	218480	20.00	ng		-0.01
21) Naphthalene-d8	10.598	136	796651	20.00	ng		#-0.01
39) Acenaphthene-d10	14.457	164	467745	20.00	ng		-0.01
64) Phenanthrene-d10	17.215	188	950514	20.00	ng		-0.01
76) Chrysene-d12	21.309	240	938743	20.00	ng		-0.01
86) Perylene-d12	23.662	264	998666	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1511135	120.55	ng		0.00
7) Phenol-d6	6.987	99	1821668	106.10	ng		0.00
23) Nitrobenzene-d5	8.963	82	1039634	73.78	ng		-0.01
42) 2,4,6-Tribromophenol	15.957	330	811686	99.81	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	2513302	69.85	ng		0.00
79) Terphenyl-d14	19.780	244	3149047	61.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	196090	38.70	ng		93
3) Pyridine	3.716	79	529724	39.01	ng		96
4) n-Nitrosodimethylamine	3.628	42	179781	41.88	ng		91
6) Aniline	7.134	93	375148	19.21	ng		96
8) 2-Chlorophenol	7.375	128	595551	41.84	ng		95
9) Benzaldehyde	6.945	77	80350	8.09	ng		86
10) Phenol	7.010	94	742445	45.10	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	536546	40.73	ng		95
12) 1,3-Dichlorobenzene	7.692	146	690442	39.23	ng		98
13) 1,4-Dichlorobenzene	7.840	146	699944	39.31	ng		98
14) 1,2-Dichlorobenzene	8.157	146	666250	39.18	ng		100
15) Benzyl Alcohol	8.045	79	439607	39.52	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	526867	37.71	ng		93
17) 2-Methylphenol	8.257	107	466388	40.15	ng		99
18) Hexachloroethane	8.881	117	235219	38.23	ng		96
19) n-Nitroso-di-n-propyla...	8.610	70	354007	36.76	ng		94
20) 3+4-Methylphenols	8.581	107	621834	39.24	ng		99
22) Acetophenone	8.628	105	792115	40.28	ng	#	97
24) Nitrobenzene	9.004	77	555197	40.27	ng		92
25) Isophorone	9.528	82	1005007	39.55	ng		95
26) 2-Nitrophenol	9.716	139	321997	42.37	ng		93
27) 2,4-Dimethylphenol	9.781	122	507862	48.25	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	664418	38.11	ng		99
29) 2,4-Dichlorophenol	10.257	162	561198	40.15	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	640013	38.06	ng		98
31) Naphthalene	10.651	128	1747904	39.95	ng		100
32) Benzoic acid	9.939	122	323062	38.95	ng		89
33) 4-Chloroaniline	10.769	127	121474	6.43	ng		97
34) Hexachlorobutadiene	10.933	225	403866	35.74	ng		99
35) Caprolactam	11.539	113	157760	35.35	ng	#	75
36) 4-Chloro-3-methylphenol	11.904	107	511214	38.41	ng		99
37) 2-Methylnaphthalene	12.269	142	1238460	38.50	ng		99
38) 1-Methylnaphthalene	12.486	142	1144139	37.46	ng		99
40) 1,2,4,5-Tetrachloroben...	12.639	216	696984	41.48	ng		99
41) Hexachlorocyclopentadiene	12.616	237	693454	73.88	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	447777	40.94	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	471434	41.48	ng		98
46) 1,1'-Biphenyl	13.286	154	1545452	41.33	ng		99
47) 2-Chloronaphthalene	13.327	162	1223374	39.53	ng		98
48) 2-Nitroaniline	13.533	65	267449	37.37	ng		82
49) Acenaphthylene	14.180	152	1861650	40.26	ng		100
50) Dimethylphthalate	13.916	163	1686276	43.51	ng		100
51) 2,6-Dinitrotoluene	14.039	165	329057	39.82	ng		99
52) Acenaphthene	14.522	154	1112724	39.48	ng		100
53) 3-Nitroaniline	14.369	138	114464	12.73	ng		90
54) 2,4-Dinitrophenol	14.586	184	349095	64.41	ng		93
55) Dibenzofuran	14.857	168	1812259	39.71	ng		97
56) 4-Nitrophenol	14.698	139	504695	80.84	ng		93
57) 2,4-Dinitrotoluene	14.833	165	443330	39.25	ng	#	91
58) Fluorene	15.510	166	1434198	39.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	401280	37.62	ng		92
60) Diethylphthalate	15.280	149	1401735	36.98	ng		98
61) 4-Chlorophenyl-phenyle...	15.504	204	771716	37.48	ng		92
62) 4-Nitroaniline	15.539	138	295972	31.16	ng		96
63) Azobenzene	15.798	77	1124721	39.19	ng		96
65) 4,6-Dinitro-2-methylph...	15.610	198	246456	44.51	ng		96
66) n-Nitrosodiphenylamine	15.721	169	1248691	42.38	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	495731	39.02	ng		95
68) Hexachlorobenzene	16.527	284	571273	37.64	ng		96
69) Atrazine	16.680	200	377051	36.38	ng		97
70) Pentachlorophenol	16.874	266	571299	83.89	ng		99
71) Phenanthrene	17.263	178	2213167	40.61	ng		100
72) Anthracene	17.351	178	2251893	42.64	ng		100
73) Carbazole	17.627	167	2000774	40.65	ng		98
74) Di-n-butylphthalate	18.174	149	2333787	39.24	ng		99
75) Fluoranthene	19.233	202	2588400	39.04	ng		99
77) Benzidine	19.410	184	790544	32.19	ng		99
78) Pyrene	19.586	202	2646914	41.44	ng		100
80) Butylbenzylphthalate	20.457	149	1002391	38.80	ng		94
81) Benzo(a)anthracene	21.298	228	2547666	39.90	ng		100
82) 3,3'-Dichlorobenzidine	21.227	252	582140	25.29	ng		99
83) Chrysene	21.351	228	2465118	40.56	ng		100
84) Bis(2-ethylhexyl)phtha...	21.215	149	1475309	39.99	ng		98
85) Di-n-octyl phthalate	22.121	149	2502337	39.95	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.086	276	3440999	44.65	ng		98
88) Benzo(b)fluoranthene	22.951	252	2852832	44.14	ng		99
89) Benzo(k)fluoranthene	22.998	252	2592815	42.06	ng		99
90) Benzo(a)pyrene	23.556	252	2507387	41.59	ng		98
91) Dibenzo(a,h)anthracene	26.092	278	2879401	45.28	ng		98
92) Benzo(g,h,i)perylene	26.821	276	2901389	46.33	ng		97

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

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