Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011321\
Data File : BP004542.D
Acq On : 13 Jan 2021 17:47
Operator : CG/JU
Sample : M1068-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-02-066-BMS

Quant Time: Jan 13 21:50:29 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	7.810	152	259823	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	868806	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	479837	20.00	ng		0.00
64) Phenanthrene-d10	17.228	188	1036013	20.00	ng		0.00
76) Chrysene-d12	21.321	240	1357270	20.00	ng		0.00
86) Perylene-d12	23.674	264	1599026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1200352	80.52	ng		0.00
7) Phenol-d6	6.987	99	1412635	69.19	ng		0.00
23) Nitrobenzene-d5	8.969	82	794797	51.72	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	676841	81.13	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	1867243	50.59	ng		0.00
79) Terphenyl-d14	19.786	244	2887504	38.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	231366	38.39	ng		94
3) Pyridine	3.722	79	602253	37.29	ng		95
4) n-Nitrosodimethylamine	3.640	42	215082	42.13	ng		90
6) Aniline	7.140	93	338641	14.58	ng		95
8) 2-Chlorophenol	7.381	128	690219	40.77	ng		95
9) Benzaldehyde	6.952	77	99862	8.66	ng		92
10) Phenol	7.016	94	802494	40.99	ng		98
11) bis(2-Chloroethyl)ether	7.234	93	626769	40.00	ng		95
12) 1,3-Dichlorobenzene	7.704	146	843711	40.31	ng		99
13) 1,4-Dichlorobenzene	7.846	146	847415	40.02	ng		99
14) 1,2-Dichlorobenzene	8.163	146	799928	39.56	ng		99
15) Benzyl Alcohol	8.052	79	500303	37.82	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.340	45	579955	34.90	ng		94
17) 2-Methylphenol	8.263	107	523379	37.89	ng		99
18) Hexachloroethane	8.887	117	270183	36.92	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	391086	34.15	ng		95
20) 3+4-Methylphenols	8.587	107	689979	36.61	ng		99
22) Acetophenone	8.634	105	894659	41.72	ng	#	97
24) Nitrobenzene	9.010	77	623024	41.43	ng		91
25) Isophorone	9.534	82	1090936	39.37	ng		95
26) 2-Nitrophenol	9.722	139	357373	43.12	ng		94
27) 2,4-Dimethylphenol	9.787	122	561912	48.95	ng		98
28) bis(2-Chloroethoxy)met...	10.022	93	718794	37.80	ng		99
29) 2,4-Dichlorophenol	10.263	162	625878	41.05	ng		99
30) 1,2,4-Trichlorobenzene	10.475	180	750495	40.92	ng		98
31) Naphthalene	10.657	128	1973186	41.35	ng		100
32) Benzoic acid	9.940	122	349190	38.70	ng		89
33) 4-Chloroaniline	10.775	127	176038	8.54	ng		97
34) Hexachlorobutadiene	10.945	225	498288	40.43	ng		99
35) Caprolactam	11.545	113	165634	34.03	ng		83
36) 4-Chloro-3-methylphenol	11.910	107	534454	36.82	ng		100
37) 2-Methylnaphthalene	12.275	142	1363713	38.87	ng		100
38) 1-Methylnaphthalene	12.498	142	1252251	37.60	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	796743	46.22	ng		98
41) Hexachlorocyclopentadiene	12.622	237	554991	63.48	ng		100
43) 2,4,6-Trichlorophenol	12.892	196	490852	43.75	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	514157	44.10	ng		98
46) 1,1'-Biphenyl	13.292	154	1664848	43.40	ng		99
47) 2-Chloronaphthalene	13.334	162	1326833	41.79	ng		98
48) 2-Nitroaniline	13.539	65	274294	37.36	ng		88
49) Acenaphthylene	14.187	152	2053880	43.30	ng		100
50) Dimethylphthalate	13.922	163	1620391	40.75	ng		99
51) 2,6-Dinitrotoluene	14.039	165	345632	40.77	ng		98
52) Acenaphthene	14.528	154	1203155	41.61	ng		100
53) 3-Nitroaniline	14.369	138	152832	16.57	ng		92
54) 2,4-Dinitrophenol	14.592	184	205459	45.50	ng		96
55) Dibenzofuran	14.863	168	1942847	41.50	ng		97
56) 4-Nitrophenol	14.698	139	562153	87.77	ng		95
57) 2,4-Dinitrotoluene	14.839	165	459096	39.62	ng		97
58) Fluorene	15.516	166	1554818	41.60	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	465175	42.51	ng	#	88
60) Diethylphthalate	15.286	149	1434217	36.88	ng		97
61) 4-Chlorophenyl-phenyle...	15.510	204	828324	39.21	ng		92
62) 4-Nitroaniline	15.539	138	267589	27.46	ng		97
63) Azobenzene	15.804	77	1129743	38.37	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	158645	26.29	ng		96
66) n-Nitrosodiphenylamine	15.728	169	1326302	41.30	ng		100
67) 4-Bromophenyl-phenylether	16.410	248	554619	40.06	ng		92
68) Hexachlorobenzene	16.533	284	685443	41.44	ng	#	93
69) Atrazine	16.686	200	411245	36.40	ng		97
70) Pentachlorophenol	16.880	266	740516	99.77	ng		94
71) Phenanthrene	17.269	178	2828957	47.63	ng		100
72) Anthracene	17.357	178	2693771	46.80	ng		100
73) Carbazole	17.633	167	2384576	44.45	ng		99
74) Di-n-butylphthalate	18.180	149	2504555	38.63	ng		99
75) Fluoranthene	19.245	202	4231090	58.54	ng		99
77) Benzidine	19.422	184	1219868	34.35	ng		100
78) Pyrene	19.598	202	4261215	46.14	ng		99
80) Butylbenzylphthalate	20.463	149	1283969	34.37	ng		95
81) Benzo(a)anthracene	21.304	228	4369260	47.33	ng		99
82) 3,3'-Dichlorobenzidine	21.233	252	1071776	32.21	ng		99
83) Chrysene	21.357	228	4095307	46.61	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1898176	35.59	ng	#	96
85) Di-n-octyl phthalate	22.133	149	3552032	39.22	ng		98
87) Indeno(1,2,3-cd)pyrene	26.115	276	5985565	48.51	ng	#	94
88) Benzo(b)fluoranthene	22.968	252	5382767	52.01	ng		98
89) Benzo(k)fluoranthene	23.010	252	4377123	44.35	ng		98
90) Benzo(a)pyrene	23.574	252	4678018	48.46	ng		97
91) Dibenzo(a,h)anthracene	26.127	278	4634424	45.51	ng	#	96
92) Benzo(g,h,i)perylene	26.856	276	5159816	51.45	ng	#	95

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

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