Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011421\
Data File : BP004549.D
Acq On : 14 Jan 2021 10:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jan 14 12:07:13 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	207550	20.00	ng		0.00
21) Naphthalene-d8	10.610	136	780607	20.00	ng		# 0.00
39) Acenaphthene-d10	14.463	164	495132	20.00	ng		0.00
64) Phenanthrene-d10	17.227	188	1091115	20.00	ng		0.00
76) Chrysene-d12	21.321	240	1140703	20.00	ng		0.00
86) Perylene-d12	23.680	264	1237973	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	922892	77.50	ng		0.00
7) Phenol-d6	6.987	99	1242851	76.20	ng		0.00
23) Nitrobenzene-d5	8.975	82	1054707	76.39	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	612315	71.13	ng		0.00
45) 2-Fluorobiphenyl	13.081	172	2873251	75.44	ng		0.00
79) Terphenyl-d14	19.792	244	4525993	72.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	191767	39.84	ng		92
3) Pyridine	3.722	79	519132	40.24	ng		95
4) n-Nitrosodimethylamine	3.640	42	160107	39.26	ng		93
6) Aniline	7.140	93	705865	38.04	ng		96
8) 2-Chlorophenol	7.381	128	515098	38.09	ng		93
9) Benzaldehyde	6.957	77	288018	41.34	ng		92
10) Phenol	7.016	94	598109	38.25	ng		99
11) bis(2-Chloroethyl)ether	7.240	93	466205	37.25	ng		95
12) 1,3-Dichlorobenzene	7.704	146	623760	37.31	ng		98
13) 1,4-Dichlorobenzene	7.846	146	629036	37.19	ng		99
14) 1,2-Dichlorobenzene	8.163	146	599404	37.11	ng		99
15) Benzyl Alcohol	8.052	79	396237	37.50	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.346	45	491736	37.05	ng		95
17) 2-Methylphenol	8.257	107	418566	37.93	ng		98
18) Hexachloroethane	8.887	117	215701	36.90	ng		96
19) n-Nitroso-di-n-propyla...	8.616	70	332626	36.36	ng		93
20) 3+4-Methylphenols	8.587	107	568271	37.74	ng		99
22) Acetophenone	8.634	105	730937	37.93	ng	#	96
24) Nitrobenzene	9.016	77	514839	38.11	ng		91
25) Isophorone	9.534	82	930055	37.35	ng		95
26) 2-Nitrophenol	9.728	139	293078	39.35	ng		95
27) 2,4-Dimethylphenol	9.793	122	396694	38.46	ng		97
28) bis(2-Chloroethoxy)met...	10.022	93	633538	37.08	ng		98
29) 2,4-Dichlorophenol	10.263	162	519447	37.92	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	607171	36.85	ng		98
31) Naphthalene	10.663	128	1615441	37.68	ng		99
32) Benzoic acid	9.940	122	288798	36.44	ng		89
33) 4-Chloroaniline	10.769	127	700602	37.84	ng		97
34) Hexachlorobutadiene	10.945	225	392456	35.44	ng		100
35) Caprolactam	11.551	113	165579	37.86	ng	#	78
36) 4-Chloro-3-methylphenol	11.910	107	492137	37.74	ng		99
37) 2-Methylnaphthalene	12.275	142	1168900	37.08	ng		99
38) 1-Methylnaphthalene	12.498	142	1110477	37.11	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	667262	37.51	ng		99
41) Hexachlorocyclopentadiene	12.628	237	242745	36.33	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	442054	38.18	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	455667	37.88	ng		99
46) 1,1'-Biphenyl	13.292	154	1497904	37.85	ng		99
47) 2-Chloronaphthalene	13.339	162	1244154	37.98	ng		98
48) 2-Nitroaniline	13.539	65	301689	39.82	ng	#	81
49) Acenaphthylene	14.186	152	1862807	38.06	ng		100
50) Dimethylphthalate	13.922	163	1535890	37.43	ng		99
51) 2,6-Dinitrotoluene	14.045	165	335874	38.40	ng		96
52) Acenaphthene	14.528	154	1135799	38.07	ng		98
53) 3-Nitroaniline	14.375	138	371136	38.98	ng		93
54) 2,4-Dinitrophenol	14.598	184	155974	37.17	ng		94
55) Dibenzofuran	14.869	168	1825167	37.78	ng		98
56) 4-Nitrophenol	14.704	139	256048	38.74	ng		92
57) 2,4-Dinitrotoluene	14.839	165	468529	39.18	ng	#	93
58) Fluorene	15.522	166	1461584	37.89	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	417338	36.96	ng		91
60) Diethylphthalate	15.292	149	1484065	36.99	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	806860	37.02	ng		94
62) 4-Nitroaniline	15.545	138	398915	39.67	ng		96
63) Azobenzene	15.810	77	1155051	38.02	ng		97
65) 4,6-Dinitro-2-methylph...	15.616	198	242079	38.09	ng		96
66) n-Nitrosodiphenylamine	15.728	169	1288597	38.10	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	536145	36.77	ng		95
68) Hexachlorobenzene	16.533	284	637151	36.58	ng		97
69) Atrazine	16.686	200	427562	35.94	ng		98
70) Pentachlorophenol	16.886	266	294503	37.67	ng		99
71) Phenanthrene	17.269	178	2359182	37.71	ng		99
72) Anthracene	17.363	178	2308736	38.09	ng		100
73) Carbazole	17.633	167	2166785	38.35	ng		98
74) Di-n-butylphthalate	18.180	149	2533572	37.11	ng		99
75) Fluoranthene	19.245	202	2840345	37.32	ng		100
77) Benzidine	19.422	184	1215307	40.72	ng		100
78) Pyrene	19.598	202	2886459	37.19	ng		100
80) Butylbenzylphthalate	20.463	149	1157523	36.87	ng		93
81) Benzo(a)anthracene	21.310	228	2903848	37.42	ng		100
82) 3,3'-Dichlorobenzidine	21.239	252	1041572	37.24	ng		98
83) Chrysene	21.363	228	2761261	37.39	ng		99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1634086	36.45	ng		98
85) Di-n-octyl phthalate	22.133	149	2820002	37.05	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.115	276	3760042	39.36	ng		97
88) Benzo(b)fluoranthene	22.962	252	3016688	37.65	ng		99
89) Benzo(k)fluoranthene	23.010	252	3002455	39.29	ng		99
90) Benzo(a)pyrene	23.580	252	2902170	38.83	ng		99
91) Dibenzo(a,h)anthracene	26.121	278	3091509	39.22	ng		98
92) Benzo(g,h,i)perylene	26.856	276	3036943	39.12	ng		97

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

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