Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004018.D
Acq On : 20 Nov 2020 11:01
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 20 12:25:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 12:19:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	209441	20.00	ng		0.00
21) Naphthalene-d8	11.098	136	764711	20.00	ng		# 0.00
39) Acenaphthene-d10	14.892	164	464764	20.00	ng		0.00
64) Phenanthrene-d10	17.622	188	963294	20.00	ng		# 0.00
76) Chrysene-d12	21.657	240	715849	20.00	ng		0.00
86) Perylene-d12	24.127	264	636344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.799	112	929612	74.08	ng		0.00
7) Phenol-d6	7.457	99	1322476	73.41	ng		0.00
23) Nitrobenzene-d5	9.440	82	1145435	73.36	ng		0.00
42) 2,4,6-Tribromophenol	16.375	330	456492	78.53	ng		0.00
45) 2-Fluorobiphenyl	13.516	172	2626888	79.02	ng		0.00
79) Terphenyl-d14	20.121	244	3296321	88.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	188192	34.76	ng	#	61
3) Pyridine	3.928	79	542829	34.19	ng	#	61
4) n-Nitrosodimethylamine	3.828	42	260755	35.67	ng	#	54
6) Aniline	7.575	93	775183	37.90	ng	#	84
8) 2-Chlorophenol	7.846	128	513924	38.57	ng		82
9) Benzaldehyde	7.375	77	320514	39.50	ng	#	80
10) Phenol	7.481	94	648512	37.31	ng		82
11) bis(2-Chloroethyl)ether	7.663	93	523609	37.48	ng	#	81
12) 1,3-Dichlorobenzene	8.163	146	606451	37.14	ng	#	94
13) 1,4-Dichlorobenzene	8.304	146	618583	37.58	ng		97
14) 1,2-Dichlorobenzene	8.640	146	603976	38.41	ng		96
15) Benzyl Alcohol	8.510	79	494041	39.60	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.799	45	828746	35.22	ng		83
17) 2-Methylphenol	8.746	107	435553	38.16	ng	#	94
18) Hexachloroethane	9.381	117	225183	38.49	ng		98
19) n-Nitroso-di-n-propyla...	9.081	70	388437	36.08	ng	#	79
20) 3+4-Methylphenols	9.069	107	558889	36.68	ng		91
22) Acetophenone	9.093	105	764417	37.24	ng	#	85
24) Nitrobenzene	9.481	77	608884	39.24	ng	#	82
25) Isophorone	10.004	82	1005048	37.90	ng	#	91
26) 2-Nitrophenol	10.204	139	287409	47.44	ng	#	78
27) 2,4-Dimethylphenol	10.275	122	387499	38.34	ng		92
28) bis(2-Chloroethoxy)met...	10.475	93	696664	38.28	ng		97
29) 2,4-Dichlorophenol	10.763	162	502968	41.30	ng		94
30) 1,2,4-Trichlorobenzene	10.969	180	578395	38.98	ng		99
31) Naphthalene	11.151	128	1539788	37.52	ng		100
32) Benzoic acid	10.463	122	178167	29.07	ng	#	78
33) 4-Chloroaniline	11.245	127	665645	38.17	ng	#	90
34) Hexachlorobutadiene	11.457	225	398044	41.13	ng		99
35) Caprolactam	11.998	113	154094	40.92	ng	#	19
36) 4-Chloro-3-methylphenol	12.387	107	522858	39.77	ng		90
37) 2-Methylnaphthalene	12.739	142	1111997	37.87	ng		97
38) 1-Methylnaphthalene	12.951	142	1024097	36.56	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	609881	39.65	ng		99
41) Hexachlorocyclopentadiene	13.104	237	314930	40.58	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	402326	42.31	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.439	196	405225	40.48	ng		97
46) 1,1'-Biphenyl	13.728	154	1419575	39.35	ng		98
47) 2-Chloronaphthalene	13.775	162	1166780	39.42	ng		99
48) 2-Nitroaniline	13.963	65	366480	41.49	ng	#	64
49) Acenaphthylene	14.616	152	1648578	37.93	ng		100
50) Dimethylphthalate	14.322	163	1353548	37.26	ng		99
51) 2,6-Dinitrotoluene	14.439	165	294863	39.56	ng	#	75
52) Acenaphthene	14.957	154	1091631	37.70	ng		96
53) 3-Nitroaniline	14.775	138	321299	38.94	ng	#	76
54) 2,4-Dinitrophenol	14.986	184	121764	38.44	ng	#	80
55) Dibenzofuran	15.286	168	1649897	38.35	ng		99
56) 4-Nitrophenol	15.122	139	198124	33.32	ng	#	64
57) 2,4-Dinitrotoluene	15.233	165	408899	40.86	ng	#	81
58) Fluorene	15.933	166	1304691	37.87	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.528	232	331671	36.75	ng		96
60) Diethylphthalate	15.675	149	1322835	37.19	ng		98
61) 4-Chlorophenyl-phenyle...	15.910	204	731833	38.87	ng		95
62) 4-Nitroaniline	15.933	138	338086	39.30	ng		86
63) Azobenzene	16.204	77	1199375	35.71	ng		87
65) 4,6-Dinitro-2-methylph...	16.010	198	196714	39.26	ng		84
66) n-Nitrosodiphenylamine	16.122	169	1097619	37.22	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	450778	39.99	ng		97
68) Hexachlorobenzene	16.963	284	500635	38.93	ng		95
69) Atrazine	17.051	200	379678	39.22	ng		99
70) Pentachlorophenol	17.304	266	231248	37.59	ng		99
71) Phenanthrene	17.669	178	1970650	36.45	ng		99
72) Anthracene	17.757	178	1899076	36.37	ng		99
73) Carbazole	18.010	167	1672435	34.52	ng		98
74) Di-n-butylphthalate	18.522	149	2252458	40.17	ng	#	99
75) Fluoranthene	19.604	202	2219948	35.59	ng		99
77) Benzidine	19.745	184	711066	42.11	ng		100
78) Pyrene	19.951	202	2214100	45.58	ng		99
80) Butylbenzylphthalate	20.768	149	898613	49.64	ng		88
81) Benzo(a)anthracene	21.639	228	1842425	39.03	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	641160	39.37	ng		100
83) Chrysene	21.698	228	1692011	37.30	ng		98
84) Bis(2-ethylhexyl)phtha...	21.515	149	1150770	43.13	ng		99
85) Di-n-octyl phthalate	22.445	149	1809342	40.70	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	1492588	32.51	ng		96
88) Benzo(b)fluoranthene	23.374	252	1578689	37.91	ng		99
89) Benzo(k)fluoranthene	23.421	252	1496920	36.41	ng		99
90) Benzo(a)pyrene	24.015	252	1371304	35.57	ng		98
91) Dibenzo(a,h)anthracene	26.680	278	1248050	32.62	ng		97
92) Benzo(g,h,i)perylene	27.468	276	1245835	33.64	ng		97

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

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