Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
Data File : BP004055.D
Acq On : 23 Nov 2020 15:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 23 16:43:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	151167	20.00	ng		0.00
21) Naphthalene-d8	11.098	136	572399	20.00	ng		# 0.00
39) Acenaphthene-d10	14.892	164	361252	20.00	ng		0.00
64) Phenanthrene-d10	17.621	188	765159	20.00	ng		# 0.00
76) Chrysene-d12	21.662	240	707744	20.00	ng		0.00
86) Perylene-d12	24.127	264	743158	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.804	112	676342	74.67	ng		0.00
7) Phenol-d6	7.451	99	966177	74.31	ng		0.00
23) Nitrobenzene-d5	9.434	82	860633	73.64	ng		0.00
42) 2,4,6-Tribromophenol	16.374	330	352055	77.92	ng		0.00
45) 2-Fluorobiphenyl	13.510	172	1912235	74.00	ng		0.00
79) Terphenyl-d14	20.121	244	2820763	77.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	132856	34.00	ng	#	63
3) Pyridine	3.928	79	405672	35.40	ng	#	65
4) n-Nitrosodimethylamine	3.828	42	193212	36.62	ng	#	55
6) Aniline	7.575	93	549584	37.23	ng	#	85
8) 2-Chlorophenol	7.846	128	364048	37.86	ng	#	81
9) Benzaldehyde	7.369	77	240876	41.74	ng	#	79
10) Phenol	7.481	94	463335	36.93	ng		83
11) bis(2-Chloroethyl)ether	7.657	93	365557	36.25	ng	#	81
12) 1,3-Dichlorobenzene	8.163	146	436149	37.01	ng	#	93
13) 1,4-Dichlorobenzene	8.304	146	441184	37.13	ng		96
14) 1,2-Dichlorobenzene	8.634	146	423113	37.28	ng		97
15) Benzyl Alcohol	8.504	79	344896	38.30	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.793	45	601147	35.39	ng		83
17) 2-Methylphenol	8.740	107	312767	37.97	ng	#	93
18) Hexachloroethane	9.375	117	163996	38.84	ng		97
19) n-Nitroso-di-n-propyla...	9.069	70	296842	38.20	ng	#	75
20) 3+4-Methylphenols	9.069	107	418526	38.06	ng	#	86
22) Acetophenone	9.087	105	568507	37.00	ng	#	83
24) Nitrobenzene	9.475	77	439933	37.88	ng	#	81
25) Isophorone	9.998	82	774265	39.00	ng	#	91
26) 2-Nitrophenol	10.198	139	205017	45.21	ng	#	76
27) 2,4-Dimethylphenol	10.275	122	285524	37.74	ng		92
28) bis(2-Chloroethoxy)met...	10.469	93	496098	36.42	ng		98
29) 2,4-Dichlorophenol	10.763	162	356073	39.06	ng		95
30) 1,2,4-Trichlorobenzene	10.969	180	421200	37.93	ng		99
31) Naphthalene	11.145	128	1141484	37.16	ng		100
32) Benzoic acid	10.457	122	116236	26.40	ng	#	76
33) 4-Chloroaniline	11.239	127	488698	37.44	ng	#	89
34) Hexachlorobutadiene	11.457	225	279920	38.64	ng		99
35) Caprolactam	11.986	113	119244	42.31	ng	#	16
36) 4-Chloro-3-methylphenol	12.386	107	381401	38.76	ng		90
37) 2-Methylnaphthalene	12.733	142	812915	36.98	ng		98
38) 1-Methylnaphthalene	12.951	142	767543	36.61	ng		100
40) 1,2,4,5-Tetrachloroben...	13.116	216	451882	37.80	ng		99
41) Hexachlorocyclopentadiene	13.104	237	230337	38.19	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	282213	38.18	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.439	196	280575	36.05	ng		96
46) 1,1'-Biphenyl	13.722	154	1032691	36.83	ng		98
47) 2-Chloronaphthalene	13.775	162	852766	37.06	ng		99
48) 2-Nitroaniline	13.957	65	287680	41.90	ng	#	59
49) Acenaphthylene	14.616	152	1271375	37.63	ng		100
50) Dimethylphthalate	14.322	163	1062616	37.63	ng		100
51) 2,6-Dinitrotoluene	14.439	165	232091	40.06	ng	#	76
52) Acenaphthene	14.957	154	844370	37.52	ng		98
53) 3-Nitroaniline	14.775	138	253211	39.48	ng	#	74
54) 2,4-Dinitrophenol	14.992	184	106295	41.95	ng	#	85
55) Dibenzofuran	15.286	168	1237129	37.00	ng		99
56) 4-Nitrophenol	15.128	139	159189	34.44	ng	#	64
57) 2,4-Dinitrotoluene	15.233	165	322395	41.44	ng	#	76
58) Fluorene	15.927	166	989744	36.96	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.527	232	249145	35.52	ng		97
60) Diethylphthalate	15.675	149	1051276	38.02	ng		98
61) 4-Chlorophenyl-phenyle...	15.904	204	543167	37.12	ng		98
62) 4-Nitroaniline	15.933	138	271752	40.64	ng		88
63) Azobenzene	16.198	77	954081	36.55	ng		84
65) 4,6-Dinitro-2-methylph...	16.016	198	146336	37.17	ng		86
66) n-Nitrosodiphenylamine	16.122	169	873338	37.28	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	340783	38.06	ng		98
68) Hexachlorobenzene	16.963	284	381680	37.36	ng		97
69) Atrazine	17.051	200	298444	38.81	ng		99
70) Pentachlorophenol	17.304	266	183268	37.50	ng		99
71) Phenanthrene	17.669	178	1569297	36.54	ng		99
72) Anthracene	17.757	178	1532722	36.96	ng		99
73) Carbazole	18.010	167	1429525	37.15	ng		98
74) Di-n-butylphthalate	18.521	149	1798531	40.38	ng		99
75) Fluoranthene	19.604	202	1848816	37.31	ng		99
77) Benzidine	19.745	184	667440	39.98	ng		99
78) Pyrene	19.951	202	1874189	39.02	ng		99
80) Butylbenzylphthalate	20.768	149	814266	45.50	ng		88
81) Benzo(a)anthracene	21.645	228	1773150	37.99	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	643457	39.97	ng		98
83) Chrysene	21.698	228	1682656	37.52	ng		98
84) Bis(2-ethylhexyl)phtha...	21.515	149	1133422	42.97	ng		99
85) Di-n-octyl phthalate	22.445	149	1933582	44.00	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.692	276	1935118	36.10	ng		98
88) Benzo(b)fluoranthene	23.380	252	1738376	35.74	ng		99
89) Benzo(k)fluoranthene	23.427	252	1668119	34.74	ng		99
90) Benzo(a)pyrene	24.021	252	1627501	36.15	ng		99
91) Dibenzo(a,h)anthracene	26.686	278	1611841	36.07	ng		99
92) Benzo(g,h,i)perylene	27.480	276	1579923	36.53	ng		97

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

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