Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111120\
Data File : BP003929.D
Acq On : 11 Nov 2020 19:56
Operator : CG/JU
Sample : L4681-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-1-SMSD

Quant Time: Nov 12 00:25:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:41:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.281	152	130936	20.00	ng		0.00
21) Naphthalene-d8	11.110	136	480664	20.00	ng	#	0.00
39) Acenaphthene-d10	14.904	164	291914	20.00	ng		0.00
64) Phenanthrene-d10	17.634	188	584156	20.00	ng	#	0.00
76) Chrysene-d12	21.663	240	587422	20.00	ng		0.00
86) Perylene-d12	24.139	264	617325	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	1061065	135.25	ng		0.00
7) Phenol-d6	7.452	99	1218139	108.16	ng		0.00
23) Nitrobenzene-d5	9.446	82	968688	98.70	ng		0.00
42) 2,4,6-Tribromophenol	16.387	330	542100	148.48	ng		0.00
45) 2-Fluorobiphenyl	13.528	172	2028097	97.13	ng		0.00
79) Terphenyl-d14	20.128	244	2781228	91.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	140306	41.45	ng	#	1
3) Pyridine	3.940	79	367295	37.00	ng	#	57
4) n-Nitrosodimethylamine	3.834	42	221875	48.55	ng	#	52
6) Aniline	7.581	93	301556	23.58	ng	#	84
8) 2-Chlorophenol	7.852	128	434499	52.16	ng	#	80
9) Benzaldehyde	7.381	77	82965	13.07	ng	#	79
10) Phenol	7.475	94	461586	42.47	ng		81
11) bis(2-Chloroethyl)ether	7.669	93	443929	50.82	ng	#	81
12) 1,3-Dichlorobenzene	8.175	146	501169	49.10	ng	#	95
13) 1,4-Dichlorobenzene	8.316	146	506372	49.20	ng		97
14) 1,2-Dichlorobenzene	8.646	146	484359	49.27	ng		97
15) Benzyl Alcohol	8.516	79	415770	53.30	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.805	45	685672	46.61	ng		81
17) 2-Methylphenol	8.740	107	357936	50.16	ng	#	92
18) Hexachloroethane	9.393	117	186045	50.87	ng		95
19) n-Nitroso-di-n-propyla...	9.087	70	346818	51.52	ng	#	77
20) 3+4-Methylphenols	9.069	107	469785	49.32	ng		93
22) Acetophenone	9.099	105	663294	51.41	ng	#	84
24) Nitrobenzene	9.487	77	511601	52.45	ng	#	82
25) Isophorone	10.010	82	886423	53.17	ng	#	90
26) 2-Nitrophenol	10.210	139	226034	59.35	ng	#	72
27) 2,4-Dimethylphenol	10.275	122	351492	55.33	ng		92
28) bis(2-Chloroethoxy)met...	10.481	93	519495	45.41	ng		97
29) 2,4-Dichlorophenol	10.763	162	380024	49.65	ng		95
30) 1,2,4-Trichlorobenzene	10.981	180	426413	45.72	ng		99
31) Naphthalene	11.163	128	1273764	49.38	ng		100
32) Benzoic acid	10.428	122	145522	35.29	ng	#	77
33) 4-Chloroaniline	11.252	127	134707	12.29	ng	#	89
34) Hexachlorobutadiene	11.475	225	287883	47.33	ng		99
35) Caprolactam	11.987	113	93817	39.64	ng	#	9
36) 4-Chloro-3-methylphenol	12.381	107	436914	52.87	ng		89
37) 2-Methylnaphthalene	12.746	142	946311	51.27	ng		98
38) 1-Methylnaphthalene	12.963	142	884658	50.25	ng		98
40) 1,2,4,5-Tetrachloroben...	13.128	216	507908	52.57	ng		99
41) Hexachlorocyclopentadiene	13.116	237	489910	100.51	ng		99
43) 2,4,6-Trichlorophenol	13.351	196	333449	55.83	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	354545	56.38	ng	#	96
46) 1,1'-Biphenyl	13.734	154	1164144	51.37	ng		98
47) 2-Chloronaphthalene	13.781	162	903453	48.59	ng		99
48) 2-Nitroaniline	13.963	65	314025	56.60	ng	#	57
49) Acenaphthylene	14.622	152	1403233	51.40	ng		100
50) Dimethylphthalate	14.334	163	1157013	50.71	ng		99
51) 2,6-Dinitrotoluene	14.445	165	260944	55.73	ng	#	68
52) Acenaphthene	14.963	154	957710	52.66	ng		98
53) 3-Nitroaniline	14.775	138	132551	25.58	ng	#	73
54) 2,4-Dinitrophenol	14.987	184	165337	67.64	ng	#	51
55) Dibenzofuran	15.292	168	1358066	50.26	ng		99
56) 4-Nitrophenol	15.104	139	375421	100.51	ng	#	61
57) 2,4-Dinitrotoluene	15.240	165	355544	56.56	ng	#	76
58) Fluorene	15.939	166	1057061	48.85	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.534	232	305292	53.86	ng		99
60) Diethylphthalate	15.687	149	1134961	50.80	ng		99
61) 4-Chlorophenyl-phenyle...	15.916	204	570005	48.21	ng		99
62) 4-Nitroaniline	15.939	138	225515	41.74	ng		86
63) Azobenzene	16.210	77	1002039	47.50	ng		85
65) 4,6-Dinitro-2-methylph...	16.010	198	147323	46.99	ng	#	78
66) n-Nitrosodiphenylamine	16.128	169	932704	52.16	ng		97
67) 4-Bromophenyl-phenylether	16.810	248	345918	50.61	ng		97
68) Hexachlorobenzene	16.975	284	382425	49.04	ng		98
69) Atrazine	17.063	200	287253	48.93	ng		99
70) Pentachlorophenol	17.304	266	407075	109.12	ng		99
71) Phenanthrene	17.675	178	1650528	50.34	ng		99
72) Anthracene	17.763	178	1672773	52.83	ng		99
73) Carbazole	18.016	167	1529625	52.07	ng		99
74) Di-n-butylphthalate	18.533	149	1797422	52.85	ng	#	99
75) Fluoranthene	19.610	202	2090865	55.27	ng		99
77) Benzidine	19.751	184	371386	26.80	ng		100
78) Pyrene	19.957	202	2157357	54.12	ng		99
80) Butylbenzylphthalate	20.775	149	868162	58.45	ng	#	84
81) Benzo(a)anthracene	21.651	228	1973409	50.94	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	426857	31.94	ng		99
83) Chrysene	21.704	228	1915485	51.46	ng		98
84) Bis(2-ethylhexyl)phtha...	21.527	149	1236718	56.49	ng		100
85) Di-n-octyl phthalate	22.463	149	2091557	57.34	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.709	276	2368390	53.18	ng		99
88) Benzo(b)fluoranthene	23.392	252	2094796	51.85	ng		100
89) Benzo(k)fluoranthene	23.439	252	1913311	47.97	ng		99
90) Benzo(a)pyrene	24.033	252	1818603	48.63	ng		99
91) Dibenzo(a,h)anthracene	26.704	278	2002123	53.93	ng		99
92) Benzo(g,h,i)perylene	27.498	276	1964652	54.68	ng		97

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

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