Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061121\
Data File : BP005865.D
Acq On : 11 Jun 2021 11:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 11 12:47:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	67477	20.00	ng	-0.01
21) Naphthalene-d8	10.752	136	252382	20.00	ng	-0.01
39) Acenaphthene-d10	14.575	164	154430	20.00	ng	0.00
64) Phenanthrene-d10	17.322	188	312773	20.00	ng	0.00
76) Chrysene-d12	21.392	240	362598	20.00	ng	0.00
86) Perylene-d12	23.816	264	422192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	325627	77.44	ng	0.00
7) Phenol-d6	7.111	99	410867	75.38	ng	-0.01
23) Nitrobenzene-d5	9.111	82	374337	72.72	ng	-0.01
42) 2,4,6-Tribromophenol	16.063	330	193304	72.94	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	843313	71.71	ng	-0.01
79) Terphenyl-d14	19.869	244	1389320	71.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	69114	36.38	ng	99
3) Pyridine	3.793	79	177124	39.67	ng	98
4) n-Nitrosodimethylamine	3.699	42	74543	35.92	ng	93
6) Aniline	7.269	93	231046	37.97	ng	98
8) 2-Chlorophenol	7.511	128	186641	38.71	ng	98
9) Benzaldehyde	7.087	77	80272	34.55	ng	98
10) Phenol	7.140	94	207817	38.17	ng	99
11) bis(2-Chloroethyl)ether	7.369	93	157058	38.07	ng	99
12) 1,3-Dichlorobenzene	7.834	146	205772	38.17	ng	99
13) 1,4-Dichlorobenzene	7.981	146	208169	37.86	ng	97
14) 1,2-Dichlorobenzene	8.299	146	197970	37.67	ng	99
15) Benzyl Alcohol	8.187	79	154075	37.53	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.481	45	127110	33.33	ng	97
17) 2-Methylphenol	8.393	107	141676	38.19	ng	99
18) Hexachloroethane	9.028	117	74568	37.49	ng	95
19) n-Nitroso-di-n-propyla...	8.758	70	123613	36.87	ng	97
20) 3+4-Methylphenols	8.722	107	188787	37.67	ng	97
22) Acetophenone	8.775	105	243120	36.60	ng	99
24) Nitrobenzene	9.152	77	193506	36.20	ng	99
25) Isophorone	9.681	82	340873	35.86	ng	99
26) 2-Nitrophenol	9.869	139	96381	37.79	ng	95
27) 2,4-Dimethylphenol	9.928	122	137100	36.08	ng	99
28) bis(2-Chloroethoxy)met...	10.163	93	180319	36.34	ng	99
29) 2,4-Dichlorophenol	10.405	162	170072	37.24	ng	99
30) 1,2,4-Trichlorobenzene	10.616	180	183595	35.78	ng	99
31) Naphthalene	10.805	128	530906	36.36	ng	99
32) Benzoic acid	10.081	122	95783	35.53	ng	98
33) 4-Chloroaniline	10.916	127	215860	36.59	ng	98
34) Hexachlorobutadiene	11.087	225	125761	36.24	ng	97
35) Caprolactam	11.704	113	46432	35.30	ng	94
36) 4-Chloro-3-methylphenol	12.034	107	168232	36.28	ng	97
37) 2-Methylnaphthalene	12.410	142	373445	35.92	ng	100
38) 1-Methylnaphthalene	12.628	142	350754	35.82	ng	98
40) 1,2,4,5-Tetrachloroben...	12.775	216	194015	35.69	ng	99
41) Hexachlorocyclopentadiene	12.757	237	89380	35.98	ng	97
43) 2,4,6-Trichlorophenol	13.016	196	131103	35.16	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	144370	35.95	ng	96
46) 1,1'-Biphenyl	13.416	154	442012	35.50	ng	98
47) 2-Chloronaphthalene	13.457	162	364007	35.80	ng	97
48) 2-Nitroaniline	13.657	65	95756	35.82	ng	96
49) Acenaphthylene	14.298	152	556378	35.67	ng	100
50) Dimethylphthalate	14.034	163	449688	35.42	ng	99
51) 2,6-Dinitrotoluene	14.151	165	102867	35.64	ng	93
52) Acenaphthene	14.640	154	333071	35.16	ng	100
53) 3-Nitroaniline	14.481	138	101839	36.41	ng	97
54) 2,4-Dinitrophenol	14.693	184	54351	34.59	ng	95
55) Dibenzofuran	14.975	168	547426	35.14	ng	97
56) 4-Nitrophenol	14.787	139	82451	36.37	ng	97
57) 2,4-Dinitrotoluene	14.940	165	141213	36.58	ng	98
58) Fluorene	15.622	166	429167	35.36	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	124259m	35.11	ng	
60) Diethylphthalate	15.393	149	453527	35.60	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	219291	34.84	ng	96
62) 4-Nitroaniline	15.645	138	104590	36.33	ng	96
63) Azobenzene	15.904	77	398511	34.58	ng	97
65) 4,6-Dinitro-2-methylph...	15.704	198	85197	37.07	ng	100
66) n-Nitrosodiphenylamine	15.828	169	380644	36.70	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	143060	35.64	ng	97
68) Hexachlorobenzene	16.628	284	173179	35.99	ng	99
69) Atrazine	16.781	200	120653	37.39	ng	99
70) Pentachlorophenol	16.969	266	100859	37.70	ng	99
71) Phenanthrene	17.363	178	678321	36.11	ng	99
72) Anthracene	17.451	178	674254	36.47	ng	99
73) Carbazole	17.722	167	649783	36.61	ng	100
74) Di-n-butylphthalate	18.269	149	758440	36.88	ng	100
75) Fluoranthene	19.322	202	820738	35.98	ng	98
77) Benzidine	19.498	184	308063	40.83	ng	99
78) Pyrene	19.675	202	855907	33.81	ng	99
80) Butylbenzylphthalate	20.539	149	369287	35.46	ng	97
81) Benzo(a)anthracene	21.375	228	930530	35.55	ng	100
82) 3,3'-Dichlorobenzidine	21.304	252	323824	35.78	ng	96
83) Chrysene	21.428	228	905937	35.73	ng	100
84) Bis(2-ethylhexyl)phtha...	21.298	149	566257	37.07	ng	99
85) Di-n-octyl phthalate	22.222	149	1032208	37.78	ng	99
87) Indeno(1,2,3-cd)pyrene	26.357	276	1341368	37.15	ng	99
88) Benzo(b)fluoranthene	23.074	252	1095253	37.88	ng	100
89) Benzo(k)fluoranthene	23.122	252	1011706	36.08	ng	100
90) Benzo(a)pyrene	23.704	252	1012188	37.23	ng	99
91) Dibenzo(a,h)anthracene	26.380	278	1164306	37.47	ng	99
92) Benzo(g,h,i)perylene	27.151	276	1134559	36.96	ng	98

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

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