Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050521\
Data File : BP005443.D
Acq On : 05 May 2021 18:09
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Quant Time: May 05 18:38:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 17:06:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	15877	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	47135	20.00	ng	#	0.00
39) Acenaphthene-d10	14.369	164	38015	20.00	ng		0.00
64) Phenanthrene-d10	17.122	188	99706	20.00	ng	#	0.00
76) Chrysene-d12	21.216	240	146803	20.00	ng	#	0.00
86) Perylene-d12	23.533	264	156955	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	119202	131.35	ng		0.00
7) Phenol-d6	6.916	99	147748	116.33	ng		0.00
23) Nitrobenzene-d5	8.887	82	174641	131.31	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	178430	226.28	ng		0.00
45) 2-Fluorobiphenyl	12.987	172	530523	166.60	ng		0.00
79) Terphenyl-d14	19.692	244	1371381	167.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	23894	47.43	ng		92
3) Pyridine	3.611	79	51551	45.55	ng	#	83
4) n-Nitrosodimethylamine	3.522	42	39543	82.49	ng	#	6
6) Aniline	7.058	93	76017	53.90	ng	#	86
8) 2-Chlorophenol	7.287	128	64373	68.32	ng		94
10) Phenol	6.940	94	71644	56.58	ng	#	58
11) bis(2-Chloroethyl)ether	7.157	93	49122	56.33	ng		98
12) 1,3-Dichlorobenzene	7.605	146	83727	73.75	ng	#	90
13) 1,4-Dichlorobenzene	7.752	146	83791	72.66	ng		97
14) 1,2-Dichlorobenzene	8.069	146	80904	72.68	ng		94
15) Benzyl Alcohol	7.975	79	66345	56.96	ng	#	78
16) 2,2'-oxybis(1-Chloropr...	8.257	45	23079	60.80	ng	#	63
17) 2-Methylphenol	8.181	107	48014	59.24	ng	#	82
18) Hexachloroethane	8.787	117	33470	70.52	ng	#	79
19) n-Nitroso-di-n-propyla...	8.540	70	52404	52.29	ng		94
20) 3+4-Methylphenols	8.516	107	66148	59.66	ng		88
22) Acetophenone	8.552	105	98726	69.59	ng	#	88
24) Nitrobenzene	8.928	77	86318	63.52	ng		94
25) Isophorone	9.457	82	131244	60.72	ng	#	94
26) 2-Nitrophenol	9.634	139	37458	83.22	ng	#	80
27) 2,4-Dimethylphenol	9.710	122	48215	71.33	ng	#	79
28) bis(2-Chloroethoxy)met...	9.940	93	56749	60.71	ng		97
29) 2,4-Dichlorophenol	10.175	162	78010	84.85	ng		95
30) 1,2,4-Trichlorobenzene	10.375	180	100559	86.26	ng		100
31) Naphthalene	10.563	128	191484	76.10	ng		99
32) Benzoic acid	9.922	122	40315	81.43	ng	#	87
33) 4-Chloroaniline	10.687	127	73384	72.70	ng		98
34) Hexachlorobutadiene	10.840	225	85042	83.88	ng		99
35) Caprolactam	11.516	113	17368	67.40	ng		91
36) 4-Chloro-3-methylphenol	11.834	107	69253	70.22	ng		98
37) 2-Methylnaphthalene	12.181	142	155856	79.73	ng		96
38) 1-Methylnaphthalene	12.398	142	146709	79.81	ng		99
40) 1,2,4,5-Tetrachloroben...	12.551	216	132029	79.58	ng		97
41) Hexachlorocyclopentadiene	12.522	237	59927	105.62	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	85081	83.94	ng		95
44) 2,4,5-Trichlorophenol	12.881	196	91083	84.10	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.198	154	224502	78.71	ng		95
47) 2-Chloronaphthalene	13.240	162	186921	80.12	ng		98
48) 2-Nitroaniline	13.463	65	52694	68.69	ng		97
49) Acenaphthylene	14.087	152	271373	78.63	ng		100
50) Dimethylphthalate	13.839	163	244583	79.34	ng		98
51) 2,6-Dinitrotoluene	13.963	165	55889	81.82	ng	#	81
52) Acenaphthene	14.428	154	165450	76.96	ng		97
53) 3-Nitroaniline	14.298	138	41691	76.10	ng		82
54) 2,4-Dinitrophenol	14.510	184	40727	92.95	ng	#	81
55) Dibenzofuran	14.769	168	322437	83.44	ng		99
56) 4-Nitrophenol	14.622	139	31252	74.62	ng	#	86
57) 2,4-Dinitrotoluene	14.757	165	83555	84.67	ng	#	85
58) Fluorene	15.416	166	269809	84.31	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.004	232	93843	87.53	ng		99
60) Diethylphthalate	15.204	149	240136	79.32	ng		98
61) 4-Chlorophenyl-phenyle...	15.416	204	169296	84.38	ng		96
62) 4-Nitroaniline	15.463	138	40525	79.76	ng		88
63) Azobenzene	15.710	77	242060	65.50	ng		88
65) 4,6-Dinitro-2-methylph...	15.522	198	63901	84.93	ng		94
66) n-Nitrosodiphenylamine	15.639	169	222626	77.16	ng		93
67) 4-Bromophenyl-phenylether	16.310	248	122085	87.38	ng		98
68) Hexachlorobenzene	16.422	284	155131	96.51	ng		97
69) Atrazine	16.598	200	99968	76.62	ng		99
70) Pentachlorophenol	16.775	266	87793	101.26	ng		92
71) Phenanthrene	17.163	178	431056	79.59	ng		99
72) Anthracene	17.257	178	435257	80.01	ng		99
73) Carbazole	17.539	167	379990	78.73	ng		98
74) Di-n-butylphthalate	18.086	149	414189	78.37	ng	#	95
75) Fluoranthene	19.139	202	600993	80.53	ng		98
77) Benzidine	19.327	184	191600	76.32	ng		99
78) Pyrene	19.492	202	627342	74.81	ng		100
80) Butylbenzylphthalate	20.369	149	200545	74.58	ng		97
81) Benzo(a)anthracene	21.204	228	710621	74.63	ng		99
82) 3,3'-Dichlorobenzidine	21.139	252	272278	83.20	ng	#	97
83) Chrysene	21.257	228	688943	74.23	ng		99
84) Bis(2-ethylhexyl)phtha...	21.127	149	309882	74.15	ng	#	96
85) Di-n-octyl phthalate	22.021	149	510930	72.00	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.962	276	1034074	81.88	ng	#	96
88) Benzo(b)fluoranthene	22.833	252	797710	76.33	ng	#	98
89) Benzo(k)fluoranthene	22.880	252	811086	81.23	ng	#	97
90) Benzo(a)pyrene	23.433	252	745582	78.25	ng	#	98
91) Dibenzo(a,h)anthracene	25.968	278	921561	83.82	ng	#	99
92) Benzo(g,h,i)perylene	26.698	276	822932	80.62	ng	#	94

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

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