Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
Data File : BP005581.D
Acq On : 17 May 2021 14:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: May 17 15:36:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	9749	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	32167	20.00	ng	#	0.00
39) Acenaphthene-d10	14.316	164	28323	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	74847	20.00	ng	#	0.00
76) Chrysene-d12	21.180	240	104894	20.00	ng	#	0.00
86) Perylene-d12	23.474	264	117195	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.258	112	37735	74.28	ng		0.00
7) Phenol-d6	6.863	99	48375	76.37	ng		0.00
23) Nitrobenzene-d5	8.834	82	64440	78.85	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	56979	70.89	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	182870	72.83	ng		0.00
79) Terphenyl-d14	19.651	244	495439	80.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88	7745	39.00	ng	#	86
3) Pyridine	3.564	79	16399	36.46	ng	#	73
4) n-Nitrosodimethylamine	3.475	42	12594	34.82	ng	#	5
6) Aniline	7.005	93	26258	38.41	ng	#	78
8) 2-Chlorophenol	7.234	128	21481	39.37	ng		95
9) Benzaldehyde	6.816	77	14184	44.28	ng	#	67
10) Phenol	6.887	94	23597	37.25	ng	#	39
11) bis(2-Chloroethyl)ether	7.105	93	15498	35.42	ng		95
12) 1,3-Dichlorobenzene	7.552	146	26559	36.59	ng	#	86
13) 1,4-Dichlorobenzene	7.699	146	27698	38.28	ng		99
14) 1,2-Dichlorobenzene	8.010	146	26728	38.54	ng		96
15) Benzyl Alcohol	7.928	79	22483	36.79	ng	#	78
16) 2,2'-oxybis(1-Chloropr...	8.199	45	7983	36.95	ng		69
17) 2-Methylphenol	8.134	107	16705	38.39	ng	#	72
18) Hexachloroethane	8.722	117	11321	37.77	ng		85
19) n-Nitroso-di-n-propyla...	8.481	70	18823	40.58	ng		95
20) 3+4-Methylphenols	8.469	107	22481	38.87	ng	#	85
22) Acetophenone	8.499	105	34662	38.20	ng	#	84
24) Nitrobenzene	8.875	77	31919	38.93	ng		90
25) Isophorone	9.399	82	48564	38.37	ng	#	96
26) 2-Nitrophenol	9.581	139	12719	37.05	ng	#	75
27) 2,4-Dimethylphenol	9.657	122	17269	38.01	ng	#	76
28) bis(2-Chloroethoxy)met...	9.887	93	20162	38.06	ng		97
29) 2,4-Dichlorophenol	10.128	162	26806	37.57	ng		97
30) 1,2,4-Trichlorobenzene	10.322	180	34439	37.78	ng		97
31) Naphthalene	10.504	128	65605	37.93	ng		98
32) Benzoic acid	9.857	122	11147	31.76	ng	#	74
33) 4-Chloroaniline	10.646	127	24996	37.10	ng		94
34) Hexachlorobutadiene	10.775	225	30679	40.36	ng		95
35) Caprolactam	11.451	113	5883m	35.83	ng		
36) 4-Chloro-3-methylphenol	11.787	107	25227	39.66	ng		99
37) 2-Methylnaphthalene	12.128	142	54302	39.14	ng		97
38) 1-Methylnaphthalene	12.346	142	50834	38.81	ng		94
40) 1,2,4,5-Tetrachloroben...	12.498	216	46601	35.81	ng		95
41) Hexachlorocyclopentadiene	12.463	237	15598	33.58	ng		99
43) 2,4,6-Trichlorophenol	12.757	196	29968	36.86	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	31565	35.98	ng		90
46) 1,1'-Biphenyl	13.145	154	78341	35.92	ng		98
47) 2-Chloronaphthalene	13.187	162	65119	35.86	ng		99
48) 2-Nitroaniline	13.422	65	19005	36.85	ng		98
49) Acenaphthylene	14.040	152	95418	36.48	ng		99
50) Dimethylphthalate	13.787	163	90209	36.90	ng		99
51) 2,6-Dinitrotoluene	13.916	165	20375	37.11	ng		94
52) Acenaphthene	14.381	154	57358	35.24	ng		91
53) 3-Nitroaniline	14.251	138	14283	36.31	ng		93
54) 2,4-Dinitrophenol	14.487	184	12226	36.92	ng	#	82
55) Dibenzofuran	14.716	168	110771	36.18	ng		95
56) 4-Nitrophenol	14.604	139	12032	40.52	ng	#	64
57) 2,4-Dinitrotoluene	14.716	165	30436	37.60	ng	#	87
58) Fluorene	15.369	166	92622	37.06	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	33094	37.72	ng		99
60) Diethylphthalate	15.151	149	88801	37.50	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	61153	39.10	ng		94
62) 4-Nitroaniline	15.422	138	13808	36.54	ng	#	64
63) Azobenzene	15.657	77	96400	39.49	ng		86
65) 4,6-Dinitro-2-methylph...	15.487	198	22974	38.73	ng		89
66) n-Nitrosodiphenylamine	15.587	169	80560	36.88	ng		95
67) 4-Bromophenyl-phenylether	16.263	248	43341	37.10	ng		97
68) Hexachlorobenzene	16.375	284	53693	36.24	ng		99
69) Atrazine	16.551	200	37937	37.18	ng		99
70) Pentachlorophenol	16.739	266	30185	38.40	ng		92
71) Phenanthrene	17.116	178	155513	36.56	ng		99
72) Anthracene	17.210	178	155874	36.93	ng		99
73) Carbazole	17.492	167	134115	36.08	ng		98
74) Di-n-butylphthalate	18.039	149	153626	37.65	ng		97
75) Fluoranthene	19.098	202	221818	37.92	ng		97
77) Benzidine	19.292	184	64942	40.00	ng		98
78) Pyrene	19.451	202	230596	38.83	ng		99
80) Butylbenzylphthalate	20.327	149	75590	39.40	ng		91
81) Benzo(a)anthracene	21.163	228	265802	39.11	ng		99
82) 3,3'-Dichlorobenzidine	21.104	252	97456	38.05	ng		98
83) Chrysene	21.216	228	260194	39.49	ng		98
84) Bis(2-ethylhexyl)phtha...	21.086	149	112160	38.23	ng	#	97
85) Di-n-octyl phthalate	21.974	149	190840	38.73	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.862	276	345803	35.07	ng	#	96
88) Benzo(b)fluoranthene	22.774	252	299903	38.40	ng	#	97
89) Benzo(k)fluoranthene	22.821	252	286152	37.47	ng	#	99
90) Benzo(a)pyrene	23.368	252	264666	36.97	ng	#	98
91) Dibenzo(a,h)anthracene	25.868	278	303051	34.83	ng	#	97
92) Benzo(g,h,i)perylene	26.592	276	278125	34.55	ng	#	93

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

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