Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040621\
Data File : BP005191.D
Acq On : 06 Apr 2021 11:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Apr 06 12:35:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 12:33:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	17956	20.00	ng		# 0.00
21) Naphthalene-d8	10.487	136	66790	20.00	ng		# 0.00
39) Acenaphthene-d10	14.351	164	45289	20.00	ng		0.00
64) Phenanthrene-d10	17.116	188	95512	20.00	ng		# 0.00
76) Chrysene-d12	21.216	240	101618	20.00	ng		0.00
86) Perylene-d12	23.492	264	106963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	95885	82.18	ng		0.00
7) Phenol-d6	6.881	99	136817	81.86	ng		0.00
23) Nitrobenzene-d5	8.857	82	125259	80.47	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	45914	77.81	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	250773	74.90	ng		0.00
79) Terphenyl-d14	19.686	244	424326	76.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	23907	47.05	ng		97
3) Pyridine	3.628	79	53717	42.52	ng		97
4) n-Nitrosodimethylamine	3.540	42	19621	43.44	ng	#	85
6) Aniline	7.034	93	78367	41.38	ng		91
8) 2-Chlorophenol	7.263	128	51493	41.84	ng		80
9) Benzaldehyde	6.846	77	30185	35.46	ng		84
10) Phenol	6.905	94	69785	40.74	ng		86
11) bis(2-Chloroethyl)ether	7.128	93	51142	40.78	ng		94
12) 1,3-Dichlorobenzene	7.581	146	54672	39.99	ng	#	89
13) 1,4-Dichlorobenzene	7.728	146	54492	39.26	ng	#	95
14) 1,2-Dichlorobenzene	8.046	146	52622	39.52	ng	#	93
15) Benzyl Alcohol	7.940	79	51568	39.99	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.228	45	41690	45.32	ng		96
17) 2-Methylphenol	8.146	107	45656	41.77	ng	#	91
18) Hexachloroethane	8.763	117	20619	38.98	ng		93
19) n-Nitroso-di-n-propyla...	8.504	70	43323	39.96	ng	#	91
20) 3+4-Methylphenols	8.475	107	62466	41.85	ng		94
22) Acetophenone	8.522	105	79738	41.53	ng	#	97
24) Nitrobenzene	8.899	77	64111	39.08	ng	#	82
25) Isophorone	9.422	82	120914	42.09	ng	#	90
26) 2-Nitrophenol	9.604	139	29264	46.00	ng	#	72
27) 2,4-Dimethylphenol	9.669	122	42421	41.46	ng		87
28) bis(2-Chloroethoxy)met...	9.904	93	61301	42.16	ng		99
29) 2,4-Dichlorophenol	10.140	162	46356	40.49	ng		91
30) 1,2,4-Trichlorobenzene	10.351	180	51228	39.84	ng		100
31) Naphthalene	10.534	128	154508	40.95	ng		99
32) Benzoic acid	9.828	122	33452	44.04	ng	#	67
33) 4-Chloroaniline	10.651	127	64014	41.94	ng	#	89
34) Hexachlorobutadiene	10.816	225	30585	36.96	ng		98
35) Caprolactam	11.451	113	18302	48.72	ng	#	80
36) 4-Chloro-3-methylphenol	11.793	107	58103	42.01	ng		84
37) 2-Methylnaphthalene	12.157	142	109892	40.34	ng		97
38) 1-Methylnaphthalene	12.375	142	103330	40.46	ng		96
40) 1,2,4,5-Tetrachloroben...	12.528	216	54696	37.09	ng	#	98
41) Hexachlorocyclopentadiene	12.504	237	27311	34.04	ng		99
43) 2,4,6-Trichlorophenol	12.775	196	39739	38.98	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	43358	39.27	ng	#	92
46) 1,1'-Biphenyl	13.181	154	132349	38.31	ng		96
47) 2-Chloronaphthalene	13.222	162	109069	38.79	ng		98
48) 2-Nitroaniline	13.434	65	36815	41.09	ng	#	59
49) Acenaphthylene	14.075	152	172441	39.43	ng		98
50) Dimethylphthalate	13.816	163	133399	38.24	ng	#	99
51) 2,6-Dinitrotoluene	13.939	165	32334	39.33	ng	#	70
52) Acenaphthene	14.416	154	103564	38.49	ng		98
53) 3-Nitroaniline	14.269	138	33837	44.72	ng	#	71
54) 2,4-Dinitrophenol	14.481	184	20386	40.95	ng	#	81
55) Dibenzofuran	14.757	168	169728	38.48	ng		96
56) 4-Nitrophenol	14.592	139	27164	43.76	ng	#	63
57) 2,4-Dinitrotoluene	14.734	165	45452	41.86	ng	#	67
58) Fluorene	15.410	166	138945	39.02	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	38958	38.25	ng		97
60) Diethylphthalate	15.186	149	134414	39.39	ng		97
61) 4-Chlorophenyl-phenyle...	15.404	204	69893	36.98	ng		96
62) 4-Nitroaniline	15.439	138	36115	46.46	ng	#	70
63) Azobenzene	15.698	77	145435	37.29	ng		86
65) 4,6-Dinitro-2-methylph...	15.498	198	30202	43.33	ng		91
66) n-Nitrosodiphenylamine	15.622	169	122233	39.81	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	42176	38.11	ng		98
68) Hexachlorobenzene	16.416	284	46179	37.11	ng		95
69) Atrazine	16.586	200	41414	40.61	ng		97
70) Pentachlorophenol	16.769	266	31554	38.40	ng		95
71) Phenanthrene	17.157	178	215214	38.87	ng		99
72) Anthracene	17.251	178	216776	40.07	ng		98
73) Carbazole	17.527	167	208281	40.98	ng		100
74) Di-n-butylphthalate	18.080	149	238900	42.71	ng	#	98
75) Fluoranthene	19.133	202	263414	40.44	ng		97
77) Benzidine	19.322	184	105870	47.49	ng		98
78) Pyrene	19.486	202	270852	38.79	ng		97
80) Butylbenzylphthalate	20.363	149	115904	44.73	ng	#	75
81) Benzo(a)anthracene	21.198	228	277903	40.25	ng		98
82) 3,3'-Dichlorobenzidine	21.133	252	99232	42.77	ng		95
83) Chrysene	21.251	228	273660	40.39	ng		97
84) Bis(2-ethylhexyl)phtha...	21.121	149	167381	44.06	ng		98
85) Di-n-octyl phthalate	22.010	149	295617	46.15	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.839	276	314133	39.17	ng		100
88) Benzo(b)fluoranthene	22.804	252	281696	37.09	ng		99
89) Benzo(k)fluoranthene	22.851	252	281888	38.73	ng		98
90) Benzo(a)pyrene	23.392	252	266204	39.09	ng		99
91) Dibenzo(a,h)anthracene	25.845	278	274245	39.54	ng		100
92) Benzo(g,h,i)perylene	26.551	276	264446	39.52	ng		98

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

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