Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032421\
Data File : BP005038.D
Acq On : 24 Mar 2021 18:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 24 18:35:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 24 10:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	33134	20.00	ng		# 0.00
21) Naphthalene-d8	10.516	136	124377	20.00	ng		# 0.00
39) Acenaphthene-d10	14.381	164	78888	20.00	ng		0.00
64) Phenanthrene-d10	17.139	188	162536	20.00	ng		# 0.00
76) Chrysene-d12	21.233	240	164160	20.00	ng		0.00
86) Perylene-d12	23.521	264	162053	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.317	112	179445	83.34	ng		0.00
7) Phenol-d6	6.905	99	257633	83.54	ng		0.00
23) Nitrobenzene-d5	8.887	82	240262	82.88	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	86334	83.99	ng		0.01
45) 2-Fluorobiphenyl	12.999	172	482656	82.76	ng		0.00
79) Terphenyl-d14	19.710	244	756297	83.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	38172	40.71	ng		97
3) Pyridine	3.658	79	102207	43.84	ng		94
4) n-Nitrosodimethylamine	3.570	42	35852	43.01	ng	#	81
6) Aniline	7.064	93	145057	41.51	ng	#	90
8) 2-Chlorophenol	7.293	128	93287	41.08	ng	#	80
9) Benzaldehyde	6.875	77	62538	45.19	ng	#	75
10) Phenol	6.928	94	130315	41.23	ng		84
11) bis(2-Chloroethyl)ether	7.158	93	95908	41.45	ng		95
12) 1,3-Dichlorobenzene	7.616	146	103722	41.11	ng	#	90
13) 1,4-Dichlorobenzene	7.758	146	105945	41.36	ng	#	92
14) 1,2-Dichlorobenzene	8.075	146	101358	41.25	ng	#	94
15) Benzyl Alcohol	7.969	79	96345	40.49	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.263	45	71272	41.99	ng		89
17) 2-Methylphenol	8.169	107	84551	41.92	ng	#	90
18) Hexachloroethane	8.799	117	40135	41.12	ng		93
19) n-Nitroso-di-n-propyla...	8.540	70	80744	40.36	ng	#	93
20) 3+4-Methylphenols	8.499	107	114790	41.68	ng		94
22) Acetophenone	8.552	105	144629	40.45	ng	#	94
24) Nitrobenzene	8.928	77	124294	40.69	ng	#	79
25) Isophorone	9.452	82	218430	40.83	ng	#	89
26) 2-Nitrophenol	9.634	139	51086	43.12	ng	#	65
27) 2,4-Dimethylphenol	9.699	122	79032	41.48	ng		88
28) bis(2-Chloroethoxy)met...	9.934	93	112450	41.53	ng		98
29) 2,4-Dichlorophenol	10.163	162	88217	41.38	ng		93
30) 1,2,4-Trichlorobenzene	10.381	180	98479	41.13	ng		96
31) Naphthalene	10.569	128	289231	41.17	ng		99
32) Benzoic acid	9.846	122	59191	41.85	ng	#	64
33) 4-Chloroaniline	10.681	127	116620	41.03	ng	#	84
34) Hexachlorobutadiene	10.852	225	64291	41.72	ng		96
35) Caprolactam	11.481	113	29001	41.46	ng		86
36) 4-Chloro-3-methylphenol	11.816	107	106815	41.48	ng		84
37) 2-Methylnaphthalene	12.187	142	204529	40.32	ng	#	95
38) 1-Methylnaphthalene	12.404	142	193770	40.75	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.557	216	108163	42.10	ng	#	96
41) Hexachlorocyclopentadiene	12.534	237	61446	43.97	ng		98
43) 2,4,6-Trichlorophenol	12.799	196	73691	41.50	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	81334	42.29	ng	#	94
46) 1,1'-Biphenyl	13.210	154	249364	41.44	ng		96
47) 2-Chloronaphthalene	13.246	162	200890	41.01	ng		96
48) 2-Nitroaniline	13.457	65	66552	42.65	ng	#	60
49) Acenaphthylene	14.098	152	313526	41.16	ng		100
50) Dimethylphthalate	13.846	163	245800	40.45	ng	#	99
51) 2,6-Dinitrotoluene	13.963	165	58213	40.65	ng	#	60
52) Acenaphthene	14.445	154	192988	41.17	ng		98
53) 3-Nitroaniline	14.293	138	55620	42.20	ng	#	61
54) 2,4-Dinitrophenol	14.498	184	37061	42.74	ng	#	76
55) Dibenzofuran	14.781	168	314500	40.94	ng		99
56) 4-Nitrophenol	14.604	139	47664	44.08	ng	#	49
57) 2,4-Dinitrotoluene	14.751	165	80471	42.55	ng	#	63
58) Fluorene	15.434	166	254509	41.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	72207	40.70	ng		98
60) Diethylphthalate	15.216	149	242114	40.74	ng		97
61) 4-Chlorophenyl-phenyle...	15.434	204	133120	40.43	ng		98
62) 4-Nitroaniline	15.463	138	59165	43.69	ng	#	64
63) Azobenzene	15.722	77	272406	40.10	ng		86
65) 4,6-Dinitro-2-methylph...	15.516	198	53841	45.39	ng		87
66) n-Nitrosodiphenylamine	15.645	169	217600	41.65	ng		99
67) 4-Bromophenyl-phenylether	16.328	248	79371	42.15	ng		96
68) Hexachlorobenzene	16.439	284	88084	41.59	ng		95
69) Atrazine	16.610	200	75460	43.49	ng		97
70) Pentachlorophenol	16.787	266	60603	43.34	ng		99
71) Phenanthrene	17.181	178	395985	42.02	ng		99
72) Anthracene	17.269	178	392442	42.63	ng		99
73) Carbazole	17.545	167	365839	42.30	ng		100
74) Di-n-butylphthalate	18.104	149	405523	42.61	ng	#	98
75) Fluoranthene	19.157	202	462718	41.74	ng		98
77) Benzidine	19.345	184	184530	51.23	ng		98
78) Pyrene	19.510	202	475477	42.15	ng		98
80) Butylbenzylphthalate	20.386	149	185026	44.20	ng	#	75
81) Benzo(a)anthracene	21.216	228	465576	41.74	ng		98
82) 3,3'-Dichlorobenzidine	21.151	252	162590	43.38	ng		100
83) Chrysene	21.269	228	457167	41.76	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	268768	43.79	ng		97
85) Di-n-octyl phthalate	22.033	149	450404	43.53	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.874	276	514571	42.35	ng		97
88) Benzo(b)fluoranthene	22.827	252	492880	42.83	ng		98
89) Benzo(k)fluoranthene	22.874	252	449889	40.80	ng		98
90) Benzo(a)pyrene	23.421	252	431122	41.78	ng		98
91) Dibenzo(a,h)anthracene	25.886	278	444152	42.27	ng		97
92) Benzo(g,h,i)perylene	26.592	276	422715	41.69	ng		98

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

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