Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080421\
Data File : BP006488.D
Acq On : 04 Aug 2021 10:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 04 11:43:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:41:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	198143	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	849116	20.000	ng	#	0.00
39) Acenaphthene-d10	14.386	164	493515	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	964069	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	931327	20.000	ng	#	0.00
86) Perylene-d12	23.562	264	945877	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	976927	75.728	ng		0.00
7) Phenol-d6	6.934	99	1442314	78.706	ng		0.00
23) Nitrobenzene-d5	8.916	82	1415638	76.953	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	400395	77.629	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2505907	75.968	ng		0.00
79) Terphenyl-d14	19.716	244	3564248	76.686	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	205807	36.644	ng		91
3) Pyridine	3.693	79	624147	37.810	ng		95
4) n-Nitrosodimethylamine	3.611	42	236307	37.928	ng	#	86
6) Aniline	7.093	93	788386	39.606	ng		94
8) 2-Chlorophenol	7.322	128	540567	38.728	ng		91
9) Benzaldehyde	6.910	77	429380	38.930	ng		92
10) Phenol	6.957	94	723733	39.386	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	549878	39.410	ng		89
12) 1,3-Dichlorobenzene	7.646	146	556503	38.254	ng		97
13) 1,4-Dichlorobenzene	7.793	146	570212	38.621	ng		98
14) 1,2-Dichlorobenzene	8.104	146	543122	38.337	ng		96
15) Benzyl Alcohol	7.999	79	558074	40.609	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.287	45	649059	39.092	ng		92
17) 2-Methylphenol	8.199	107	463725	39.966	ng		98
18) Hexachloroethane	8.828	117	223308	38.213	ng		89
19) n-Nitroso-di-n-propyla...	8.569	70	497538	40.468	ng		97
20) 3+4-Methylphenols	8.528	107	641189	40.599	ng		96
22) Acetophenone	8.581	105	862308	38.294	ng	#	98
24) Nitrobenzene	8.957	77	732450	38.302	ng		90
25) Isophorone	9.481	82	1304290	39.474	ng		94
26) 2-Nitrophenol	9.663	139	276594	39.744	ng		92
27) 2,4-Dimethylphenol	9.728	122	459179	39.402	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	677068	38.298	ng		98
29) 2,4-Dichlorophenol	10.187	162	457793	38.801	ng		94
30) 1,2,4-Trichlorobenzene	10.404	180	479726	37.839	ng		98
31) Naphthalene	10.593	128	1743081	38.203	ng		99
32) Benzoic acid	9.863	122	344292	38.189	ng		91
33) 4-Chloroaniline	10.704	127	721407	39.072	ng		95
34) Hexachlorobutadiene	10.875	225	276748	37.459	ng		99
35) Caprolactam	11.498	113	173028	40.671	ng	#	69
36) 4-Chloro-3-methylphenol	11.834	107	598635	39.934	ng		91
37) 2-Methylnaphthalene	12.204	142	1197197	38.722	ng		100
38) 1-Methylnaphthalene	12.422	142	1132313	38.538	ng		98
40) 1,2,4,5-Tetrachloroben...	12.569	216	486186	37.640	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	273375	39.905	ng		96
43) 2,4,6-Trichlorophenol	12.816	196	348144	39.474	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	379949	38.919	ng	#	88
46) 1,1'-Biphenyl	13.222	154	1425824	38.170	ng		96
47) 2-Chloronaphthalene	13.263	162	1099068	38.207	ng		95
48) 2-Nitroaniline	13.469	65	406030	39.996	ng	#	85
49) Acenaphthylene	14.110	152	1785729	38.499	ng		99
50) Dimethylphthalate	13.857	163	1376743	38.324	ng		99
51) 2,6-Dinitrotoluene	13.975	165	311869	38.905	ng	#	83
52) Acenaphthene	14.451	154	1082573	38.349	ng		98
53) 3-Nitroaniline	14.298	138	350051	39.390	ng		82
54) 2,4-Dinitrophenol	14.504	184	163984	39.119	ng	#	87
55) Dibenzofuran	14.786	168	1701123	38.311	ng		96
56) 4-Nitrophenol	14.604	139	305758	39.624	ng		85
57) 2,4-Dinitrotoluene	14.757	165	424403	39.478	ng	#	78
58) Fluorene	15.439	166	1352370	38.105	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	316927	38.737	ng	#	71
60) Diethylphthalate	15.228	149	1438123	38.114	ng		98
61) 4-Chlorophenyl-phenyle...	15.439	204	610038	37.955	ng		91
62) 4-Nitroaniline	15.463	138	377065	39.986	ng		89
63) Azobenzene	15.733	77	1723513	39.179	ng		92
65) 4,6-Dinitro-2-methylph...	15.522	198	226546	38.458	ng		78
66) n-Nitrosodiphenylamine	15.657	169	1174057	38.745	ng		100
67) 4-Bromophenyl-phenylether	16.333	248	355244	38.404	ng	#	88
68) Hexachlorobenzene	16.439	284	401768	38.167	ng	#	86
69) Atrazine	16.616	200	366097	38.717	ng		95
70) Pentachlorophenol	16.786	266	265830	39.802	ng		99
71) Phenanthrene	17.180	178	2094836	38.523	ng		100
72) Anthracene	17.275	178	2037201	38.770	ng		100
73) Carbazole	17.545	167	2083449	38.873	ng		98
74) Di-n-butylphthalate	18.116	149	2384354	39.048	ng		100
75) Fluoranthene	19.157	202	2333685	38.235	ng		94
77) Benzidine	19.345	184	1016000	43.596	ng		98
78) Pyrene	19.510	202	2423325	38.955	ng		99
80) Butylbenzylphthalate	20.398	149	1088160	39.780	ng		86
81) Benzo(a)anthracene	21.221	228	2312133	37.988	ng		100
82) 3,3'-Dichlorobenzidine	21.163	252	624503	39.083	ng	#	97
83) Chrysene	21.274	228	2248973	38.114	ng		99
84) Bis(2-ethylhexyl)phtha...	21.163	149	1578937	38.410	ng	#	96
85) Di-n-octyl phthalate	22.068	149	2622529	38.706	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.968	276	2639431	38.483	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	2350071	38.228	ng	#	96
89) Benzo(k)fluoranthene	22.904	252	2303169	39.021	ng	#	95
90) Benzo(a)pyrene	23.462	252	2141458	38.837	ng	#	95
91) Dibenzo(a,h)anthracene	25.998	278	2282362	38.488	ng	#	93
92) Benzo(g,h,i)perylene	26.709	276	2180147	38.365	ng	#	88

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

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