Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006464.D
Acq On : 03 Aug 2021 00:03
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 03 05:27:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:26:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	242071	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1003018	20.000	ng	#	0.00
39) Acenaphthene-d10	14.392	164	588367	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1174324	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1138623	20.000	ng	#	0.00
86) Perylene-d12	23.568	264	1162559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1249780	80.514	ng		0.00
7) Phenol-d6	6.940	99	1782784	81.350	ng		0.00
23) Nitrobenzene-d5	8.916	82	1752455	82.373	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	499827	83.081	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	3060935	77.979	ng		0.00
79) Terphenyl-d14	19.716	244	4521184	79.954	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	265813	38.642	ng		89
3) Pyridine	3.705	79	787870	39.660	ng		95
4) n-Nitrosodimethylamine	3.617	42	319766	42.615	ng	#	91
6) Aniline	7.099	93	972238	40.586	ng		92
8) 2-Chlorophenol	7.328	128	676847	40.310	ng		90
9) Benzaldehyde	6.910	77	530162	38.603	ng		89
10) Phenol	6.963	94	894895	40.526	ng		97
11) bis(2-Chloroethyl)ether	7.199	93	682581	40.384	ng		90
12) 1,3-Dichlorobenzene	7.652	146	702402	39.637	ng		96
13) 1,4-Dichlorobenzene	7.799	146	714173	39.837	ng		97
14) 1,2-Dichlorobenzene	8.110	146	682799	39.636	ng		96
15) Benzyl Alcohol	8.005	79	693435	42.256	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.299	45	810286	40.622	ng		92
17) 2-Methylphenol	8.205	107	575939	41.688	ng		98
18) Hexachloroethane	8.828	117	291440	41.483	ng	#	86
19) n-Nitroso-di-n-propyla...	8.575	70	616480	42.427	ng	#	96
20) 3+4-Methylphenols	8.534	107	786761	41.756	ng		98
22) Acetophenone	8.587	105	1061718	40.147	ng	#	97
24) Nitrobenzene	8.963	77	908266	41.130	ng		91
25) Isophorone	9.487	82	1580600	41.612	ng		94
26) 2-Nitrophenol	9.663	139	333331	42.167	ng		91
27) 2,4-Dimethylphenol	9.728	122	562626	41.592	ng		96
28) bis(2-Chloroethoxy)met...	9.975	93	837307	40.313	ng		98
29) 2,4-Dichlorophenol	10.193	162	570867	41.745	ng		93
30) 1,2,4-Trichlorobenzene	10.410	180	596846	40.185	ng		97
31) Naphthalene	10.593	128	2138830	40.028	ng		99
32) Benzoic acid	9.875	122	430877	41.951	ng		84
33) 4-Chloroaniline	10.710	127	877417	41.076	ng	#	94
34) Hexachlorobutadiene	10.881	225	354579	40.840	ng		99
35) Caprolactam	11.510	113	204464	40.780	ng	#	63
36) 4-Chloro-3-methylphenol	11.840	107	725884	42.551	ng		91
37) 2-Methylnaphthalene	12.204	142	1461105	40.739	ng		100
38) 1-Methylnaphthalene	12.428	142	1390712	40.825	ng		99
40) 1,2,4,5-Tetrachloroben...	12.575	216	599494	39.093	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	338001	41.588	ng		98
43) 2,4,6-Trichlorophenol	12.822	196	421516	40.985	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	463158	40.681	ng	#	88
46) 1,1'-Biphenyl	13.228	154	1730128	38.899	ng		96
47) 2-Chloronaphthalene	13.263	162	1330204	38.835	ng		94
48) 2-Nitroaniline	13.475	65	496194	43.196	ng		87
49) Acenaphthylene	14.110	152	2183207	40.121	ng		100
50) Dimethylphthalate	13.863	163	1683603	39.803	ng		99
51) 2,6-Dinitrotoluene	13.975	165	378419	41.117	ng	#	73
52) Acenaphthene	14.457	154	1325652	39.508	ng		97
53) 3-Nitroaniline	14.304	138	428615	42.019	ng		84
54) 2,4-Dinitrophenol	14.504	184	202156	40.465	ng	#	78
55) Dibenzofuran	14.792	168	2064145	39.275	ng		94
56) 4-Nitrophenol	14.610	139	373823	40.351	ng		86
57) 2,4-Dinitrotoluene	14.763	165	524299	42.676	ng	#	80
58) Fluorene	15.439	166	1673123	40.072	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	392163	41.066	ng	#	69
60) Diethylphthalate	15.228	149	1807100	41.089	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	757990	39.952	ng	#	88
62) 4-Nitroaniline	15.469	138	457681	39.694	ng		92
63) Azobenzene	15.734	77	2167546	42.680	ng		92
65) 4,6-Dinitro-2-methylph...	15.522	198	279215	39.740	ng		67
66) n-Nitrosodiphenylamine	15.657	169	1462840	40.232	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	454135	40.333	ng	#	89
68) Hexachlorobenzene	16.439	284	505275	39.823	ng	#	85
69) Atrazine	16.622	200	470500	42.061	ng		96
70) Pentachlorophenol	16.786	266	335398	42.524	ng		99
71) Phenanthrene	17.186	178	2579544	39.166	ng		99
72) Anthracene	17.275	178	2547029	40.363	ng		99
73) Carbazole	17.551	167	2579576	40.247	ng		98
74) Di-n-butylphthalate	18.116	149	3119144	43.097	ng		99
75) Fluoranthene	19.157	202	2919972	39.832	ng		94
77) Benzidine	19.345	184	1219131	43.501	ng		99
78) Pyrene	19.510	202	3035664	40.440	ng		99
80) Butylbenzylphthalate	20.404	149	1421729	40.404	ng		88
81) Benzo(a)anthracene	21.227	228	2925043	39.903	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	807415	41.557	ng	#	97
83) Chrysene	21.280	228	2832930	39.665	ng		100
84) Bis(2-ethylhexyl)phtha...	21.169	149	2195791	43.829	ng	#	96
85) Di-n-octyl phthalate	22.074	149	3654950	43.083	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.986	276	3401940	40.786	ng	#	88
88) Benzo(b)fluoranthene	22.863	252	3001396	40.217	ng	#	96
89) Benzo(k)fluoranthene	22.910	252	2931555	40.492	ng	#	96
90) Benzo(a)pyrene	23.468	252	2740132	41.012	ng	#	94
91) Dibenzo(a,h)anthracene	26.004	278	2932851	40.599	ng	#	92
92) Benzo(g,h,i)perylene	26.727	276	2801001	40.442	ng	#	89

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

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