Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006852.D
Acq On : 24 Aug 2021 17:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Aug 25 02:33:32 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 24 13:40:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	155031	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	618936	20.000	ng		# 0.00
39) Acenaphthene-d10	14.334	164	354899	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	693563	20.000	ng		# 0.00
76) Chrysene-d12	21.198	240	657589	20.000	ng		#-0.01
86) Perylene-d12	23.510	264	701496	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	845796	83.796	ng		0.00
7) Phenol-d6	6.881	99	1144105	79.795	ng		0.00
23) Nitrobenzene-d5	8.852	82	1099317	81.982	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	358608	96.684	ng		-0.01
45) 2-Fluorobiphenyl	12.957	172	2071659	87.334	ng		0.00
79) Terphenyl-d14	19.675	244	2964582	90.336	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	168776	38.408	ng		97
3) Pyridine	3.634	79	477354	36.959	ng		97
4) n-Nitrosodimethylamine	3.546	42	164685	33.783	ng	#	72
6) Aniline	7.028	93	613767	39.408	ng		98
8) 2-Chlorophenol	7.258	128	463337	42.426	ng		96
9) Benzaldehyde	6.846	77	319390	37.010	ng		97
10) Phenol	6.911	94	565633	39.342	ng		97
11) bis(2-Chloroethyl)ether	7.134	93	425815	39.005	ng		99
12) 1,3-Dichlorobenzene	7.575	146	487703	42.848	ng		98
13) 1,4-Dichlorobenzene	7.728	146	490751	42.483	ng		99
14) 1,2-Dichlorobenzene	8.034	146	474404	42.798	ng		97
15) Benzyl Alcohol	7.940	79	429462	39.941	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.228	45	418118	32.186	ng		99
17) 2-Methylphenol	8.146	107	375931	41.409	ng		99
18) Hexachloroethane	8.752	117	192613	42.126	ng		92
19) n-Nitroso-di-n-propyla...	8.505	70	367924	38.248	ng		94
20) 3+4-Methylphenols	8.475	107	518404	41.953	ng		97
22) Acetophenone	8.516	105	683985	41.671	ng	#	98
24) Nitrobenzene	8.893	77	554646	39.791	ng		93
25) Isophorone	9.422	82	998595	41.462	ng		97
26) 2-Nitrophenol	9.599	139	254281	50.127	ng		96
27) 2,4-Dimethylphenol	9.669	122	370896	43.662	ng		99
28) bis(2-Chloroethoxy)met...	9.904	93	521800	40.492	ng		99
29) 2,4-Dichlorophenol	10.134	162	399296	46.428	ng		96
30) 1,2,4-Trichlorobenzene	10.340	180	412915	44.681	ng		97
31) Naphthalene	10.522	128	1408403	42.347	ng		100
32) Benzoic acid	9.840	122	323715	49.260	ng		90
33) 4-Chloroaniline	10.646	127	574668	42.699	ng		97
34) Hexachlorobutadiene	10.804	225	254237	47.210	ng		98
35) Caprolactam	11.469	113	139379	44.945	ng		84
36) 4-Chloro-3-methylphenol	11.787	107	485467	44.429	ng		90
37) 2-Methylnaphthalene	12.140	142	975575	43.288	ng		100
38) 1-Methylnaphthalene	12.363	142	918805	42.901	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	420232	45.241	ng	#	96
41) Hexachlorocyclopentadiene	12.487	237	197222	40.033	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	304793	48.056	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	327144	46.598	ng	#	92
46) 1,1'-Biphenyl	13.169	154	1155882	43.029	ng		98
47) 2-Chloronaphthalene	13.204	162	892362	43.138	ng		95
48) 2-Nitroaniline	13.422	65	309282	42.365	ng		90
49) Acenaphthylene	14.057	152	1443680	43.281	ng		99
50) Dimethylphthalate	13.810	163	1115844	43.193	ng		99
51) 2,6-Dinitrotoluene	13.928	165	256293	44.460	ng	#	85
52) Acenaphthene	14.398	154	863587	42.540	ng		99
53) 3-Nitroaniline	14.257	138	282372	44.185	ng		90
54) 2,4-Dinitrophenol	14.469	184	142319	47.211	ng	#	84
55) Dibenzofuran	14.740	168	1351847	42.336	ng		94
56) 4-Nitrophenol	14.581	139	238239	42.933	ng		89
57) 2,4-Dinitrotoluene	14.722	165	352138	45.550	ng	#	81
58) Fluorene	15.387	166	1081233	42.364	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.969	232	272369	46.294	ng	#	75
60) Diethylphthalate	15.175	149	1184144	43.641	ng		98
61) 4-Chlorophenyl-phenyle...	15.387	204	506388	43.812	ng	#	89
62) 4-Nitroaniline	15.428	138	293043	43.213	ng		93
63) Azobenzene	15.681	77	1272555	40.226	ng		93
65) 4,6-Dinitro-2-methylph...	15.487	198	199875	47.165	ng		80
66) n-Nitrosodiphenylamine	15.610	169	935917	42.932	ng		99
67) 4-Bromophenyl-phenylether	16.287	248	304191	45.711	ng	#	90
68) Hexachlorobenzene	16.392	284	343284	45.330	ng	#	89
69) Atrazine	16.575	200	294106	43.235	ng		96
70) Pentachlorophenol	16.745	266	222387	46.284	ng		100
71) Phenanthrene	17.134	178	1659065	42.409	ng		99
72) Anthracene	17.228	178	1644515	43.503	ng		100
73) Carbazole	17.510	167	1641028	42.560	ng		99
74) Di-n-butylphthalate	18.069	149	2065203	47.012	ng		99
75) Fluoranthene	19.116	202	1895893	43.177	ng		95
77) Benzidine	19.304	184	700920	42.596	ng		99
78) Pyrene	19.469	202	1933009	44.009	ng		99
80) Butylbenzylphthalate	20.357	149	970740	50.260	ng		90
81) Benzo(a)anthracene	21.186	228	1850169	43.051	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	542032	48.043	ng	#	97
83) Chrysene	21.239	228	1804578	43.313	ng		99
84) Bis(2-ethylhexyl)phtha...	21.122	149	1399335	48.212	ng	#	96
85) Di-n-octyl phthalate	22.021	149	2457335	51.366	ng		98
87) Indeno(1,2,3-cd)pyrene	25.898	276	2204504	43.340	ng	#	92
88) Benzo(b)fluoranthene	22.810	252	1933184	42.402	ng	#	97
89) Benzo(k)fluoranthene	22.857	252	1819993	41.577	ng	#	97
90) Benzo(a)pyrene	23.410	252	1779776	43.523	ng	#	96
91) Dibenzo(a,h)anthracene	25.915	278	1892048	43.022	ng	#	95
92) Benzo(g,h,i)perylene	26.627	276	1834784	43.536	ng	#	92

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

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