Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006724.D
Acq On : 17 Aug 2021 18:38
Operator : CG/JU
Sample : M3343-10MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SPLP-AMENDED-COM-5MSD

Quant Time: Aug 18 03:12:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	182451	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	794318	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	441539	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	862663	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	827228	20.000	ng	#	0.00
86) Perylene-d12	23.521	264	847214	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	784014	66.001	ng		0.00
7) Phenol-d6	6.887	99	651230	38.594	ng		0.00
23) Nitrobenzene-d5	8.863	82	1396715	81.163	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	598322	129.659	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	2470487	83.711	ng		0.00
79) Terphenyl-d14	19.686	244	3607374	87.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	89661	17.337	ng		94
3) Pyridine	3.640	79	190689	12.545	ng		96
4) n-Nitrosodimethylamine	3.552	42	95859	16.709	ng	#	76
6) Aniline	7.040	93	514042	28.045	ng		96
8) 2-Chlorophenol	7.269	128	456957	35.553	ng		93
9) Benzaldehyde	6.852	77	349363	34.400	ng		95
10) Phenol	6.910	94	243536	14.393	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	539812	42.016	ng		93
12) 1,3-Dichlorobenzene	7.587	146	535410	39.970	ng		97
13) 1,4-Dichlorobenzene	7.734	146	550025	40.458	ng		97
14) 1,2-Dichlorobenzene	8.046	146	528877	40.542	ng		97
15) Benzyl Alcohol	7.952	79	370964	29.316	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.240	45	602140	39.385	ng		95
17) 2-Methylphenol	8.152	107	331625	31.039	ng		99
18) Hexachloroethane	8.769	117	222737	41.393	ng		89
19) n-Nitroso-di-n-propyla...	8.516	70	461170	40.736	ng		95
20) 3+4-Methylphenols	8.481	107	406016	27.920	ng		97
22) Acetophenone	8.528	105	893910	42.436	ng	#	98
24) Nitrobenzene	8.905	77	699416	39.098	ng		91
25) Isophorone	9.434	82	1201543	38.873	ng		95
26) 2-Nitrophenol	9.610	139	276823	42.521	ng		94
27) 2,4-Dimethylphenol	9.681	122	456045	41.832	ng		96
28) bis(2-Chloroethoxy)met...	9.916	93	725660	43.878	ng		98
29) 2,4-Dichlorophenol	10.140	162	437969	39.681	ng		95
30) 1,2,4-Trichlorobenzene	10.351	180	475583	40.100	ng		97
31) Naphthalene	10.534	128	1703057	39.901	ng		100
32) Benzoic acid	9.799	122	125505	14.882	ng		92
33) 4-Chloroaniline	10.657	127	468746	27.139	ng		95
34) Hexachlorobutadiene	10.816	225	274070	39.656	ng		99
35) Caprolactam	11.504	113	29683	7.458	ng	#	64
36) 4-Chloro-3-methylphenol	11.787	107	513826	36.641	ng		90
37) 2-Methylnaphthalene	12.151	142	1183975	40.936	ng		100
38) 1-Methylnaphthalene	12.375	142	1096424	39.891	ng		97
40) 1,2,4,5-Tetrachloroben...	12.522	216	503599	43.578	ng	#	95
41) Hexachlorocyclopentadiene	12.498	237	479483	78.230	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	340234	43.118	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	365022	41.791	ng	#	87
46) 1,1'-Biphenyl	13.175	154	1387919	41.529	ng		97
47) 2-Chloronaphthalene	13.216	162	1086620	42.221	ng		94
48) 2-Nitroaniline	13.434	65	403659	44.443	ng		87
49) Acenaphthylene	14.063	152	1788312	43.093	ng		100
50) Dimethylphthalate	13.822	163	1365268	42.478	ng		99
51) 2,6-Dinitrotoluene	13.934	165	298706	41.650	ng	#	76
52) Acenaphthene	14.410	154	1053488	41.712	ng		98
53) 3-Nitroaniline	14.263	138	247028	31.070	ng	#	81
54) 2,4-Dinitrophenol	14.475	184	287590	76.681	ng	#	77
55) Dibenzofuran	14.745	168	1631656	41.072	ng		94
56) 4-Nitrophenol	14.581	139	229069	33.180	ng		87
57) 2,4-Dinitrotoluene	14.728	165	416851	43.340	ng	#	77
58) Fluorene	15.398	166	1334193	42.018	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	304297	41.572	ng	#	69
60) Diethylphthalate	15.187	149	1478105	43.785	ng		97
61) 4-Chlorophenyl-phenyle...	15.398	204	607984	42.280	ng	#	88
62) 4-Nitroaniline	15.434	138	333963	39.584	ng		92
63) Azobenzene	15.692	77	1635104	41.544	ng		93
65) 4,6-Dinitro-2-methylph...	15.486	198	184651	35.031	ng	#	65
66) n-Nitrosodiphenylamine	15.616	169	1139763	42.035	ng		100
67) 4-Bromophenyl-phenylether	16.298	248	361929	43.726	ng	#	89
68) Hexachlorobenzene	16.398	284	403337	42.820	ng	#	83
69) Atrazine	16.586	200	379496	44.852	ng		96
70) Pentachlorophenol	16.751	266	525030	87.852	ng		99
71) Phenanthrene	17.145	178	2020073	41.515	ng		99
72) Anthracene	17.239	178	2057443	43.758	ng		100
73) Carbazole	17.516	167	1953918	40.741	ng		98
74) Di-n-butylphthalate	18.080	149	2597685	47.542	ng		99
75) Fluoranthene	19.127	202	2288072	41.894	ng		95
77) Benzidine	19.316	184	983239	47.499	ng		99
78) Pyrene	19.480	202	2352130	42.569	ng		99
80) Butylbenzylphthalate	20.369	149	1177428	48.460	ng		88
81) Benzo(a)anthracene	21.192	228	2235498	41.350	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	765162	53.912	ng	#	96
83) Chrysene	21.245	228	2169757	41.399	ng		99
84) Bis(2-ethylhexyl)phtha...	21.133	149	1748372	47.884	ng	#	96
85) Di-n-octyl phthalate	22.033	149	2979056	49.502	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.909	276	2687647	43.750	ng	#	89
88) Benzo(b)fluoranthene	22.821	252	2402594	43.634	ng	#	96
89) Benzo(k)fluoranthene	22.868	252	2193971	41.500	ng	#	97
90) Benzo(a)pyrene	23.421	252	2243504	45.426	ng	#	95
91) Dibenzo(a,h)anthracene	25.927	278	2292242	43.157	ng	#	93
92) Benzo(g,h,i)perylene	26.639	276	2243426	44.076	ng	#	90

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

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