Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
Data File : BP006808.D
Acq On : 20 Aug 2021 19:46
Operator : CG/JU
Sample : M3426-14MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SWCS-10-0510MSD

Quant Time: Aug 21 00:58:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 20 11:25:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	163711	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	675711	20.000	ng	#	0.00
39) Acenaphthene-d10	14.339	164	368704	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	694881	20.000	ng	#	0.00
76) Chrysene-d12	21.204	240	601934	20.000	ng	#	0.00
86) Perylene-d12	23.515	264	699078	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1440343	135.133	ng		0.00
7) Phenol-d6	6.887	99	1793250	118.438	ng		0.00
23) Nitrobenzene-d5	8.857	82	1205953	82.378	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	536155	139.140	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2115934	85.860	ng		0.00
79) Terphenyl-d14	19.680	244	2474597	82.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	182618	39.354	ng		95
3) Pyridine	3.628	79	443842	32.543	ng		97
4) n-Nitrosodimethylamine	3.546	42	199288	38.714	ng	#	74
6) Aniline	7.034	93	743270	45.193	ng		97
8) 2-Chlorophenol	7.263	128	547849	47.505	ng		96
9) Benzaldehyde	6.846	77	380469	41.751	ng		96
10) Phenol	6.910	94	682991	44.987	ng		99
11) bis(2-Chloroethyl)ether	7.134	93	505178	43.822	ng		94
12) 1,3-Dichlorobenzene	7.581	146	564462	46.962	ng		98
13) 1,4-Dichlorobenzene	7.728	146	571379	46.840	ng		98
14) 1,2-Dichlorobenzene	8.040	146	548178	46.832	ng		97
15) Benzyl Alcohol	7.946	79	513936	45.263	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.234	45	536739	39.126	ng		97
17) 2-Methylphenol	8.146	107	452760	47.228	ng		99
18) Hexachloroethane	8.757	117	228800	47.387	ng		91
19) n-Nitroso-di-n-propyla...	8.510	70	418610	41.210	ng		95
20) 3+4-Methylphenols	8.475	107	612801	46.963	ng		97
22) Acetophenone	8.522	105	820252	45.774	ng	#	99
24) Nitrobenzene	8.899	77	639162	42.001	ng		94
25) Isophorone	9.428	82	1104404	42.002	ng		97
26) 2-Nitrophenol	9.599	139	286297	51.696	ng		93
27) 2,4-Dimethylphenol	9.675	122	481611	51.932	ng		96
28) bis(2-Chloroethoxy)met...	9.910	93	665361	47.294	ng		98
29) 2,4-Dichlorophenol	10.134	162	459134	48.901	ng		95
30) 1,2,4-Trichlorobenzene	10.340	180	469484	46.534	ng		96
31) Naphthalene	10.528	128	1635035	45.031	ng		99
32) Benzoic acid	9.840	122	382932	53.376	ng		93
33) 4-Chloroaniline	10.651	127	491278	33.436	ng		96
34) Hexachlorobutadiene	10.804	225	281698	47.914	ng		98
35) Caprolactam	11.469	113	161056	47.571	ng	#	69
36) 4-Chloro-3-methylphenol	11.787	107	564738	47.341	ng		91
37) 2-Methylnaphthalene	12.145	142	1124148	45.690	ng		100
38) 1-Methylnaphthalene	12.369	142	1034560	44.247	ng		98
40) 1,2,4,5-Tetrachloroben...	12.516	216	484633	50.221	ng	#	95
41) Hexachlorocyclopentadiene	12.493	237	551754	107.804	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	339163	51.473	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	368145	50.475	ng	#	87
46) 1,1'-Biphenyl	13.169	154	1300473	46.599	ng		98
47) 2-Chloronaphthalene	13.210	162	1020750	47.497	ng		95
48) 2-Nitroaniline	13.428	65	362148	47.749	ng		89
49) Acenaphthylene	14.057	152	1655000	47.759	ng		99
50) Dimethylphthalate	13.810	163	1251879	46.645	ng		99
51) 2,6-Dinitrotoluene	13.934	165	274334	45.808	ng	#	83
52) Acenaphthene	14.404	154	968269	45.911	ng		97
53) 3-Nitroaniline	14.263	138	268575	40.453	ng		85
54) 2,4-Dinitrophenol	14.469	184	304162	97.120	ng	#	79
55) Dibenzofuran	14.739	168	1482601	44.693	ng		94
56) 4-Nitrophenol	14.581	139	527525	91.506	ng	#	88
57) 2,4-Dinitrotoluene	14.722	165	375963	46.810	ng	#	78
58) Fluorene	15.392	166	1205245	45.455	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	294935	48.253	ng	#	71
60) Diethylphthalate	15.181	149	1336047	47.396	ng		97
61) 4-Chlorophenyl-phenyle...	15.392	204	562323	46.830	ng	#	89
62) 4-Nitroaniline	15.428	138	297873	42.281	ng		93
63) Azobenzene	15.686	77	1436154	43.698	ng		93
65) 4,6-Dinitro-2-methylph...	15.486	198	181344	42.711	ng		75
66) n-Nitrosodiphenylamine	15.610	169	1027390	47.039	ng		99
67) 4-Bromophenyl-phenylether	16.286	248	331680	49.747	ng	#	85
68) Hexachlorobenzene	16.392	284	365876	48.222	ng	#	86
69) Atrazine	16.581	200	356249	52.271	ng		97
70) Pentachlorophenol	16.745	266	477003	99.087	ng		99
71) Phenanthrene	17.139	178	1791847	45.716	ng		99
72) Anthracene	17.228	178	1811600	47.832	ng		99
73) Carbazole	17.510	167	1637038	42.376	ng		98
74) Di-n-butylphthalate	18.075	149	2243764	50.980	ng		100
75) Fluoranthene	19.116	202	1935452	43.994	ng		95
77) Benzidine	19.316	184	1048990	69.643	ng		99
78) Pyrene	19.474	202	1961082	48.776	ng		99
80) Butylbenzylphthalate	20.363	149	983483	55.628	ng		89
81) Benzo(a)anthracene	21.192	228	1798078	45.708	ng		100
82) 3,3'-Dichlorobenzidine	21.133	252	657128	63.629	ng	#	99
83) Chrysene	21.239	228	1753599	45.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.127	149	1459177	54.922	ng	#	97
85) Di-n-octyl phthalate	22.027	149	2464916	56.288	ng		97
87) Indeno(1,2,3-cd)pyrene	25.909	276	2759896	54.446	ng	#	91
88) Benzo(b)fluoranthene	22.816	252	2031461	44.712	ng	#	97
89) Benzo(k)fluoranthene	22.863	252	1860683	42.654	ng	#	97
90) Benzo(a)pyrene	23.415	252	1994021	48.930	ng	#	95
91) Dibenzo(a,h)anthracene	25.921	278	2342317	53.444	ng	#	93
92) Benzo(g,h,i)perylene	26.639	276	2349286	55.937	ng	#	91

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

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