Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006742.D
Acq On : 18 Aug 2021 13:32
Operator : CG/JU
Sample : M3398-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 18 14:47:49 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

Instrument :
BNA_P
ClientSampleId :
2021-08-10-FD-01MS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	170403	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	633482	20.000	ng	#	0.00
39) Acenaphthene-d10	14.346	164	315778	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	577877	20.000	ng	#	0.00
76) Chrysene-d12	21.210	240	621657	20.000	ng	#	0.00
86) Perylene-d12	23.522	264	753199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	1204411	108.561	ng		0.00
7) Phenol-d6	6.887	99	1454970	92.322	ng		0.00
23) Nitrobenzene-d5	8.858	82	987120	71.925	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	382785	115.987	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	1650200	78.185	ng		0.00
79) Terphenyl-d14	19.686	244	2106521	67.899	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	208989	43.268	ng		96
3) Pyridine	3.634	79	487600	34.347	ng		98
4) n-Nitrosodimethylamine	3.552	42	196954	36.758	ng	#	71
6) Aniline	7.040	93	576972	33.704	ng		98
8) 2-Chlorophenol	7.269	128	498830	41.555	ng		95
9) Benzaldehyde	6.852	77	367741	38.769	ng		93
10) Phenol	6.917	94	616635	39.021	ng		98
11) bis(2-Chloroethyl)ether	7.140	93	489218	40.771	ng		95
12) 1,3-Dichlorobenzene	7.587	146	553991	44.281	ng		97
13) 1,4-Dichlorobenzene	7.734	146	563856	44.408	ng		96
14) 1,2-Dichlorobenzene	8.046	146	532922	43.740	ng		97
15) Benzyl Alcohol	7.952	79	447487	37.863	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.240	45	530193	37.131	ng		94
17) 2-Methylphenol	8.152	107	393075	39.392	ng		99
18) Hexachloroethane	8.763	117	230309	45.827	ng		90
19) n-Nitroso-di-n-propyla...	8.516	70	376144	35.575	ng		94
20) 3+4-Methylphenols	8.481	107	521644	38.407	ng		97
22) Acetophenone	8.528	105	744789	44.334	ng	#	98
24) Nitrobenzene	8.905	77	581786	40.779	ng		93
25) Isophorone	9.428	82	946440	38.394	ng		95
26) 2-Nitrophenol	9.610	139	249570	48.068	ng		95
27) 2,4-Dimethylphenol	9.681	122	408644	47.001	ng		94
28) bis(2-Chloroethoxy)met...	9.916	93	581788	44.110	ng		98
29) 2,4-Dichlorophenol	10.140	162	377726	42.912	ng		94
30) 1,2,4-Trichlorobenzene	10.352	180	429663	45.426	ng		98
31) Naphthalene	10.534	128	1451030	42.627	ng		99
32) Benzoic acid	9.834	122	306297	45.540	ng		91
33) 4-Chloroaniline	10.657	127	261747	19.002	ng	#	95
34) Hexachlorobutadiene	10.816	225	258785	46.951	ng		99
35) Caprolactam	11.463	113	126184	39.756	ng	#	73
36) 4-Chloro-3-methylphenol	11.793	107	441699	39.495	ng		91
37) 2-Methylnaphthalene	12.152	142	947576	41.081	ng		99
38) 1-Methylnaphthalene	12.375	142	867804	39.589	ng		98
40) 1,2,4,5-Tetrachloroben...	12.522	216	409704	49.572	ng	#	95
41) Hexachlorocyclopentadiene	12.499	237	550613	125.612	ng		100
43) 2,4,6-Trichlorophenol	12.775	196	264394	46.851	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.846	196	284176	45.492	ng	#	90
46)	1,1'-Biphenyl	13.175	154	1068483	44.704	ng		97
47)	2-Chloronaphthalene	13.216	162	834536	45.340	ng		95
48)	2-Nitroaniline	13.434	65	280519	43.186	ng		88
49)	Acenaphthylene	14.063	152	1327659	44.734	ng		100
50)	Dimethylphthalate	13.816	163	964135	41.944	ng		99
51)	2,6-Dinitrotoluene	13.934	165	210155	40.973	ng	#	79
52)	Acenaphthene	14.410	154	769452	42.599	ng		97
53)	3-Nitroaniline	14.263	138	212626	37.393	ng		82
54)	2,4-Dinitrophenol	14.475	184	257053	95.835	ng	#	79
55)	Dibenzofuran	14.746	168	1172903	41.283	ng		94
56)	4-Nitrophenol	14.587	139	432551	87.607	ng		87
57)	2,4-Dinitrotoluene	14.728	165	288372	41.922	ng	#	82
58)	Fluorene	15.398	166	943873	41.564	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.975	232	226221	43.214	ng	#	71
60)	Diethylphthalate	15.187	149	1040052	43.079	ng		96
61)	4-Chlorophenyl-phenyle...	15.398	204	434846	42.283	ng		90
62)	4-Nitroaniline	15.434	138	221962m	36.786	ng		
63)	Azobenzene	15.693	77	1132480	40.233	ng		93
65)	4,6-Dinitro-2-methylph...	15.493	198	149415	42.316	ng		80
66)	n-Nitrosodiphenylamine	15.616	169	788225	43.396	ng		100
67)	4-Bromophenyl-phenylether	16.298	248	253899	45.791	ng	#	88
68)	Hexachlorobenzene	16.398	284	283389	44.913	ng	#	87
69)	Atrazine	16.587	200	273093	48.182	ng		97
70)	Pentachlorophenol	16.751	266	403506	100.791	ng		99
71)	Phenanthrene	17.145	178	1408689	43.217	ng		99
72)	Anthracene	17.239	178	1424907	45.240	ng		100
73)	Carbazole	17.516	167	1344797	41.859	ng		98
74)	Di-n-butylphthalate	18.081	149	1767108	48.279	ng		100
75)	Fluoranthene	19.122	202	1631569	44.596	ng		95
77)	Benzidine	19.322	184	1043460	67.078	ng		99
78)	Pyrene	19.481	202	1680664	40.475	ng		99
80)	Butylbenzylphthalate	20.369	149	886978	48.577	ng		86
81)	Benzo(a)anthracene	21.192	228	1752001	43.124	ng		99
82)	3,3'-Dichlorobenzidine	21.139	252	617524	57.897	ng	#	96
83)	Chrysene	21.245	228	1712546	43.480	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.133	149	1316793	47.990	ng	#	96
85)	Di-n-octyl phthalate	22.039	149	2398640	53.037	ng	#	96
87)	Indeno(1,2,3-cd)pyrene	25.921	276	2578878	47.219	ng	#	90
88)	Benzo(b)fluoranthene	22.822	252	2027982	41.428	ng	#	96
89)	Benzo(k)fluoranthene	22.869	252	1987974	42.297	ng	#	96
90)	Benzo(a)pyrene	23.427	252	2031200	46.261	ng	#	95
91)	Dibenzo(a,h)anthracene	25.939	278	2193434	46.451	ng	#	93
92)	Benzo(g,h,i)perylene	26.657	276	2166205	47.872	ng	#	91

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

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