Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006848.D
Acq On : 24 Aug 2021 15:15
Operator : CG/JU
Sample : M3505-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 24 15:46:02 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

Instrument :
BNA_P
ClientSampleId :
DRILL-CUTTINGMS

Manual Integrations APPROVED
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8/25/2021 3:35:29 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152	149525	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	612746	20.000	ng	#	0.00
39) Acenaphthene-d10	14.334	164	346593	20.000	ng		0.00
64) Phenanthrene-d10	17.092	188	675697	20.000	ng	#	0.00
76) Chrysene-d12	21.204	240	654004	20.000	ng	#	0.00
86) Perylene-d12	23.510	264	733861	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1061606	109.050	ng		0.00
7) Phenol-d6	6.881	99	1328182	96.044	ng		0.00
23) Nitrobenzene-d5	8.852	82	861308	64.881	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	435396	120.199	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1564020	67.514	ng		0.00
79) Terphenyl-d14	19.675	244	2305171	70.628	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	152036	35.872	ng		96
3) Pyridine	3.628	79	391406	31.421	ng		96
4) n-Nitrosodimethylamine	3.540	42	155007	32.969	ng	#	68
6) Aniline	7.028	93	576466	38.376	ng		98
8) 2-Chlorophenol	7.258	128	466385	44.277	ng		97
9) Benzaldehyde	6.840	77	316231	37.994	ng		97
10) Phenol	6.910	94	576250	41.557	ng		96
11) bis(2-Chloroethyl)ether	7.128	93	419904	39.880	ng		97
12) 1,3-Dichlorobenzene	7.575	146	477512	43.497	ng		99
13) 1,4-Dichlorobenzene	7.722	146	490150	43.993	ng		98
14) 1,2-Dichlorobenzene	8.034	146	467604	43.738	ng		96
15) Benzyl Alcohol	7.946	79	425314	41.012	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.222	45	416426	33.236	ng		98
17) 2-Methylphenol	8.146	107	380712	43.480	ng		100
18) Hexachloroethane	8.752	117	191320	43.384	ng		92
19) n-Nitroso-di-n-propyla...	8.505	70	342860	36.955	ng		92
20) 3+4-Methylphenols	8.475	107	512197	42.977	ng		97
22) Acetophenone	8.516	105	685783	42.203	ng	#	98
24) Nitrobenzene	8.893	77	530733	38.460	ng		94
25) Isophorone	9.422	82	910049	38.167	ng		96
26) 2-Nitrophenol	9.599	139	246703	49.124	ng		95
27) 2,4-Dimethylphenol	9.669	122	402094	47.813	ng		96
28) bis(2-Chloroethoxy)met...	9.904	93	557873	43.728	ng		98
29) 2,4-Dichlorophenol	10.134	162	394216	46.301	ng		96
30) 1,2,4-Trichlorobenzene	10.340	180	404430	44.205	ng		96
31) Naphthalene	10.522	128	1372669	41.690	ng		99
32) Benzoic acid	9.799	122	126582	19.457	ng		90
33) 4-Chloroaniline	10.646	127	357097	26.801	ng		97
34) Hexachlorobutadiene	10.804	225	240819	45.170	ng		99
35) Caprolactam	11.469	113	144402m	47.035	ng		
36) 4-Chloro-3-methylphenol	11.787	107	474471	43.861	ng		91
37) 2-Methylnaphthalene	12.146	142	948269	42.502	ng		99
38) 1-Methylnaphthalene	12.363	142	874362	41.238	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	415270	45.778	ng	#	95
41) Hexachlorocyclopentadiene	12.487	237	462169	96.061	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	296261	47.830	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	319356	46.579	ng	#	91
46) 1,1'-Biphenyl	13.169	154	1108260	42.245	ng		97
47) 2-Chloronaphthalene	13.204	162	872354	43.181	ng		95
48) 2-Nitroaniline	13.422	65	303052	42.507	ng		90
49) Acenaphthylene	14.057	152	1425379	43.757	ng		100
50) Dimethylphthalate	13.810	163	1086033	43.047	ng		99
51) 2,6-Dinitrotoluene	13.928	165	240717	42.759	ng	#	85
52) Acenaphthene	14.398	154	836266	42.182	ng		98
53) 3-Nitroaniline	14.257	138	214659	34.394	ng		87
54) 2,4-Dinitrophenol	14.469	184	155519	52.826	ng	#	83
55) Dibenzofuran	14.740	168	1287842	41.298	ng		95
56) 4-Nitrophenol	14.587	139	476653	87.956	ng		90
57) 2,4-Dinitrotoluene	14.722	165	332025	43.977	ng	#	82
58) Fluorene	15.392	166	1049686	42.114	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	267181	46.501	ng	#	74
60) Diethylphthalate	15.181	149	1193262	45.031	ng		98
61) 4-Chlorophenyl-phenyle...	15.392	204	491331	43.528	ng		92
62) 4-Nitroaniline	15.428	138	276323	41.724	ng		93
63) Azobenzene	15.687	77	1205370	39.015	ng		93
65) 4,6-Dinitro-2-methylph...	15.487	198	137729	33.359	ng		81
66) n-Nitrosodiphenylamine	15.610	169	892734	42.034	ng		99
67) 4-Bromophenyl-phenylether	16.286	248	293680	45.298	ng	#	88
68) Hexachlorobenzene	16.392	284	328271	44.494	ng	#	88
69) Atrazine	16.581	200	313274	47.270	ng		96
70) Pentachlorophenol	16.751	266	461172	98.519	ng		99
71) Phenanthrene	17.139	178	1587259	41.646	ng		99
72) Anthracene	17.228	178	1623446	44.082	ng		99
73) Carbazole	17.510	167	1519154	40.441	ng		98
74) Di-n-butylphthalate	18.075	149	2025383	47.324	ng		100
75) Fluoranthene	19.116	202	1788921	41.818	ng		95
77) Benzidine	19.310	184	614312	37.537	ng		99
78) Pyrene	19.475	202	1815274	41.555	ng		99
80) Butylbenzylphthalate	20.363	149	921104	47.951	ng		92
81) Benzo(a)anthracene	21.186	228	1799229	42.096	ng		99
82) 3,3'-Dichlorobenzidine	21.127	252	553493	49.327	ng	#	97
83) Chrysene	21.239	228	1768534	42.681	ng		99
84) Bis(2-ethylhexyl)phtha...	21.127	149	1394891	48.322	ng	#	96
85) Di-n-octyl phthalate	22.027	149	2409044	50.633	ng		98
87) Indeno(1,2,3-cd)pyrene	25.904	276	2372275	44.581	ng	#	92
88) Benzo(b)fluoranthene	22.816	252	1999462	41.922	ng	#	97
89) Benzo(k)fluoranthene	22.863	252	1832138	40.009	ng	#	97
90) Benzo(a)pyrene	23.416	252	1908435	44.611	ng	#	96
91) Dibenzo(a,h)anthracene	25.921	278	2028847	44.098	ng	#	94
92) Benzo(g,h,i)perylene	26.639	276	1990897	45.157	ng	#	92

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

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