Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082421\
Data File : BP006860.D
Acq On : 24 Aug 2021 22:48
Operator : CG/JU
Sample : M3502-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
POST-MAEC-01MSD

Manual Integrations APPROVED
mohammad
8/25/2021 3:35:43 PM

Quant Time: Aug 25 02:36:13 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	158265	20.000	ng		0.00
21) Naphthalene-d8	10.469	136	662127	20.000	ng		# 0.00
39) Acenaphthene-d10	14.334	164	372945	20.000	ng		0.00
64) Phenanthrene-d10	17.087	188	718806	20.000	ng		#-0.01
76) Chrysene-d12	21.198	240	710248	20.000	ng		#-0.01
86) Perylene-d12	23.498	264	720472	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1251167	121.424	ng		0.00
7) Phenol-d6	6.881	99	1432157	97.844	ng		0.00
23) Nitrobenzene-d5	8.852	82	1148735	80.079	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	550495	141.236	ng		-0.01
45) 2-Fluorobiphenyl	12.951	172	2122168	85.134	ng		0.00
79) Terphenyl-d14	19.669	244	3153900	88.979	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	158985	35.440	ng	#	62
3) Pyridine	3.640	79	293308	22.246	ng		97
4) n-Nitrosodimethylamine	3.546	42	174066	34.978	ng	#	76
6) Aniline	7.028	93	392934	24.713	ng		96
8) 2-Chlorophenol	7.258	128	512871	46.002	ng		96
9) Benzaldehyde	6.840	77	205229	23.296	ng		96
10) Phenol	6.905	94	546708	37.249	ng		99
11) bis(2-Chloroethyl)ether	7.128	93	480609	43.125	ng		96
12) 1,3-Dichlorobenzene	7.575	146	518651	44.636	ng		99
13) 1,4-Dichlorobenzene	7.722	146	529053	44.863	ng		98
14) 1,2-Dichlorobenzene	8.034	146	509359	45.013	ng		98
15) Benzyl Alcohol	7.940	79	482916	43.995	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.228	45	487774	36.780	ng		98
17) 2-Methylphenol	8.146	107	417793	45.080	ng		98
18) Hexachloroethane	8.752	117	210762	45.153	ng		92
19) n-Nitroso-di-n-propyla...	8.505	70	400594	40.793	ng		94
20) 3+4-Methylphenols	8.475	107	553471	43.876	ng		98
22) Acetophenone	8.516	105	794192	45.229	ng	#	98
24) Nitrobenzene	8.893	77	616778	41.362	ng		94
25) Isophorone	9.416	82	1063891	41.292	ng		96
26) 2-Nitrophenol	9.593	139	271856	50.095	ng		93
27) 2,4-Dimethylphenol	9.669	122	468241	51.526	ng		99
28) bis(2-Chloroethoxy)met...	9.905	93	640618	46.469	ng		98
29) 2,4-Dichlorophenol	10.128	162	440374	47.865	ng		95
30) 1,2,4-Trichlorobenzene	10.334	180	448791	45.395	ng		97
31) Naphthalene	10.522	128	1553207	43.655	ng		99
32) Benzoic acid	9.840	122	318003	45.235	ng		93
33) 4-Chloroaniline	10.652	127	185549	12.887	ng		97
34) Hexachlorobutadiene	10.799	225	268211	46.556	ng		100
35) Caprolactam	11.463	113	119309m	35.964	ng		
36) 4-Chloro-3-methylphenol	11.787	107	540345	46.225	ng		91
37) 2-Methylnaphthalene	12.140	142	1087237	45.096	ng		99
38) 1-Methylnaphthalene	12.357	142	997751	43.548	ng		98
40) 1,2,4,5-Tetrachloroben...	12.510	216	472885	48.446	ng	#	95
41) Hexachlorocyclopentadiene	12.481	237	558994	107.977	ng		99
43) 2,4,6-Trichlorophenol	12.763	196	331713	49.770	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.834	196	358080	48.536	ng	#	88
46) 1,1'-Biphenyl	13.163	154	1268006	44.919	ng		98
47) 2-Chloronaphthalene	13.204	162	989114	45.501	ng		95
48) 2-Nitroaniline	13.422	65	359450	46.855	ng		89
49) Acenaphthylene	14.051	152	1631320	46.540	ng		99
50) Dimethylphthalate	13.804	163	1283352	47.274	ng		99
51) 2,6-Dinitrotoluene	13.928	165	279525	46.144	ng	#	80
52) Acenaphthene	14.398	154	948825	44.478	ng		99
53) 3-Nitroaniline	14.257	138	218416	32.524	ng		88
54) 2,4-Dinitrophenol	14.469	184	341511	107.806	ng	#	81
55) Dibenzofuran	14.734	168	1478615	44.066	ng		94
56) 4-Nitrophenol	14.581	139	491992	84.372	ng		89
57) 2,4-Dinitrotoluene	14.716	165	393372	48.421	ng	#	79
58) Fluorene	15.387	166	1201560	44.801	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	295684	47.825	ng	#	71
60) Diethylphthalate	15.175	149	1357927	47.624	ng		97
61) 4-Chlorophenyl-phenyle...	15.387	204	558724	46.001	ng		91
62) 4-Nitroaniline	15.428	138	285826	40.109	ng		95
63) Azobenzene	15.681	77	1431633	43.065	ng		94
65) 4,6-Dinitro-2-methylph...	15.481	198	201040	45.774	ng		74
66) n-Nitrosodiphenylamine	15.604	169	1007040	44.573	ng		98
67) 4-Bromophenyl-phenylether	16.281	248	338325	49.055	ng	#	87
68) Hexachlorobenzene	16.387	284	377730	48.127	ng	#	85
69) Atrazine	16.575	200	266373	37.783	ng		96
70) Pentachlorophenol	16.745	266	508412	102.097	ng		99
71) Phenanthrene	17.134	178	1841597	45.421	ng		99
72) Anthracene	17.222	178	1883852	48.085	ng		99
73) Carbazole	17.504	167	1720253	43.048	ng		98
74) Di-n-butylphthalate	18.069	149	2351926	51.659	ng		100
75) Fluoranthene	19.110	202	2104347	46.241	ng		95
77) Benzidine	19.304	184	653981	36.797	ng		99
78) Pyrene	19.463	202	2167312	45.685	ng		99
80) Butylbenzylphthalate	20.357	149	1091833	52.338	ng		92
81) Benzo(a)anthracene	21.180	228	2100172	45.246	ng		99
82) 3,3'-Dichlorobenzidine	21.122	252	356974	29.294	ng	#	97
83) Chrysene	21.233	228	2051885	45.598	ng		99
84) Bis(2-ethylhexyl)phtha...	21.116	149	1642126	52.382	ng	#	96
85) Di-n-octyl phthalate	22.016	149	2873540	55.613	ng		97
87) Indeno(1,2,3-cd)pyrene	25.886	276	2598154	49.733	ng	#	92
88) Benzo(b)fluoranthene	22.804	252	2293595	48.982	ng	#	97
89) Benzo(k)fluoranthene	22.851	252	2078165	46.225	ng	#	97
90) Benzo(a)pyrene	23.398	252	2125120	50.599	ng	#	96
91) Dibenzo(a,h)anthracene	25.904	278	2224264	49.243	ng	#	94
92) Benzo(g,h,i)perylene	26.610	276	2160655	49.918	ng	#	92

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

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