Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
Data File : BP005174.D
Acq On : 05 Apr 2021 12:33
Operator : CG/JU
Sample : M1836-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B1-10-12MSD

Manual Integrations APPROVED
mohammad
4/6/2021 3:22:59 PM

Quant Time: Apr 05 13:21:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:23:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.705	152	23388	20.00	ng	#	0.00
21) Naphthalene-d8	10.493	136	88221	20.00	ng	#	0.00
39) Acenaphthene-d10	14.357	164	53111	20.00	ng		0.00
64) Phenanthrene-d10	17.122	188	110347	20.00	ng	#	0.00
76) Chrysene-d12	21.222	240	118080	20.00	ng		0.00
86) Perylene-d12	23.510	264	126108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	174731	114.97	ng		0.00
7) Phenol-d6	6.887	99	230335	105.81	ng		0.00
23) Nitrobenzene-d5	8.864	82	142530	69.32	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	71352	103.11	ng		0.00
45) 2-Fluorobiphenyl	12.975	172	263316	67.07	ng		0.00
79) Terphenyl-d14	19.692	244	357252	55.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	26659	40.28	ng	#	95
3) Pyridine	3.634	79	68010	41.33	ng		96
4) n-Nitrosodimethylamine	3.546	42	25612	43.53	ng	#	89
6) Aniline	7.034	93	50649	20.53	ng	#	89
8) 2-Chlorophenol	7.269	128	65826	41.07	ng		80
9) Benzaldehyde	6.852	77	53311	48.09	ng	#	83
10) Phenol	6.911	94	98841	44.30	ng		85
11) bis(2-Chloroethyl)ether	7.134	93	67095	41.08	ng		90
12) 1,3-Dichlorobenzene	7.593	146	73163	41.08	ng	#	93
13) 1,4-Dichlorobenzene	7.740	146	72716	40.22	ng	#	94
14) 1,2-Dichlorobenzene	8.052	146	68564	39.53	ng	#	90
15) Benzyl Alcohol	7.946	79	68199	40.61	ng	#	83
16) 2,2'-oxybis(1-Chloropr...	8.234	45	55832	46.60	ng		97
17) 2-Methylphenol	8.152	107	59185	41.57	ng	#	92
18) Hexachloroethane	8.769	117	29699	43.10	ng		88
19) n-Nitroso-di-n-propyla...	8.511	70	54097	38.31	ng	#	91
20) 3+4-Methylphenols	8.481	107	78548	40.40	ng		93
22) Acetophenone	8.528	105	109531	43.19	ng	#	94
24) Nitrobenzene	8.905	77	79949	36.90	ng	#	79
25) Isophorone	9.428	82	148883	39.23	ng	#	88
26) 2-Nitrophenol	9.611	139	35322	42.03	ng	#	71
27) 2,4-Dimethylphenol	9.681	122	61568	45.56	ng		87
28) bis(2-Chloroethoxy)met...	9.911	93	87957	45.79	ng		95
29) 2,4-Dichlorophenol	10.146	162	60251	39.84	ng		91
30) 1,2,4-Trichlorobenzene	10.358	180	66988	39.44	ng		99
31) Naphthalene	10.540	128	250898	50.34	ng		99
32) Benzoic acid	9.834	122	43168	43.03	ng	#	66
33) 4-Chloroaniline	10.663	127	17192	8.53	ng	#	85
34) Hexachlorobutadiene	10.822	225	41187	37.68	ng		93
35) Caprolactam	11.457	113	21485	43.30	ng		81
36) 4-Chloro-3-methylphenol	11.799	107	70980	38.86	ng		87
37) 2-Methylnaphthalene	12.163	142	144698	40.21	ng	#	94
38) 1-Methylnaphthalene	12.387	142	129358m	38.35	ng		
40) 1,2,4,5-Tetrachloroben...	12.540	216	73049	42.24	ng	#	98
41) Hexachlorocyclopentadiene	12.510	237	83388	88.64	ng		98
43) 2,4,6-Trichlorophenol	12.787	196	48047	40.19	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.857	196	53258	41.13	ng	#	94
46)	1,1'-Biphenyl	13.187	154	173189	42.75	ng		96
47)	2-Chloronaphthalene	13.228	162	134199	40.70	ng		97
48)	2-Nitroaniline	13.440	65	45027	42.86	ng	#	62
49)	Acenaphthylene	14.081	152	221851	43.26	ng		100
50)	Dimethylphthalate	13.828	163	173156	42.33	ng	#	98
51)	2,6-Dinitrotoluene	13.946	165	37285	38.67	ng	#	66
52)	Acenaphthene	14.428	154	130057	41.21	ng		98
53)	3-Nitroaniline	14.275	138	15198	17.13	ng	#	63
54)	2,4-Dinitrophenol	14.487	184	49215	84.30	ng	#	79
55)	Dibenzofuran	14.763	168	199001	38.48	ng		97
56)	4-Nitrophenol	14.598	139	67621	92.90	ng	#	58
57)	2,4-Dinitrotoluene	14.740	165	52259	41.04	ng	#	65
58)	Fluorene	15.416	166	163606	39.18	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.993	232	46890	39.26	ng		97
60)	Diethylphthalate	15.193	149	164572	41.13	ng		98
61)	4-Chlorophenyl-phenyle...	15.410	204	85968	38.78	ng		97
62)	4-Nitroaniline	15.445	138	37615	41.26	ng	#	69
63)	Azobenzene	15.704	77	173949	38.03	ng		86
65)	4,6-Dinitro-2-methylph...	15.504	198	30660	38.07	ng		87
66)	n-Nitrosodiphenylamine	15.634	169	143878	40.56	ng		97
67)	4-Bromophenyl-phenylether	16.310	248	51205	40.05	ng		97
68)	Hexachlorobenzene	16.422	284	56573	39.35	ng		93
69)	Atrazine	16.593	200	55115	46.78	ng		98
70)	Pentachlorophenol	16.775	266	75705	79.75	ng		96
71)	Phenanthrene	17.163	178	250752	39.20	ng		98
72)	Anthracene	17.257	178	257277	41.16	ng		97
73)	Carbazole	17.534	167	233004	39.68	ng		98
74)	Di-n-butylphthalate	18.092	149	290014	44.88	ng	#	98
75)	Fluoranthene	19.145	202	293807	39.04	ng		98
77)	Benzidine	19.328	184	92669	35.77	ng		98
78)	Pyrene	19.498	202	304058	37.47	ng		99
80)	Butylbenzylphthalate	20.375	149	130298	43.28	ng	#	77
81)	Benzo(a)anthracene	21.204	228	316630	39.47	ng		97
82)	3,3'-Dichlorobenzidine	21.139	252	74970	27.81	ng		98
83)	Chrysene	21.257	228	294636	37.42	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.133	149	198759	45.03	ng		97
85)	Di-n-octyl phthalate	22.016	149	342806	46.06	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	25.857	276	385969	40.82	ng		99
88)	Benzo(b)fluoranthene	22.816	252	324574	36.24	ng		99
89)	Benzo(k)fluoranthene	22.863	252	300411	35.01	ng		98
90)	Benzo(a)pyrene	23.410	252	283690	35.33	ng		98
91)	Dibenzo(a,h)anthracene	25.868	278	330983	40.48	ng		99
92)	Benzo(g,h,i)perylene	26.574	276	321054	40.69	ng		97

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

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