

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
 Data File : BP004135.D
 Acq On : 03 Dec 2020 18:35
 Operator : CG/JU
 Sample : L4932-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R-LA-35-1-WCMS

Manual Integrations
 APPROVED

mohammad
 12/7/2020 8:53:45 AM

Quant Time: Dec 04 00:11:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 11:39:42 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	140484	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	521332	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	299785	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	581640	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	504333	20.00	ng	0.00
86) Perylene-d12	24.039	264	504746	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1085121	128.91	ng	0.00
7) Phenol-d6	7.381	99	1370692	113.44	ng	0.00
23) Nitrobenzene-d5	9.357	82	855085	80.33	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	437071	116.57	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	1711038	79.79	ng	0.00
79) Terphenyl-d14	20.063	244	1872882	71.75	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	157557	43.39	ng	# 61
3) Pyridine	3.864	79	448487	42.11	ng	# 60
4) n-Nitrosodimethylamine	3.770	42	237118	48.36	ng	# 54
6) Aniline	7.505	93	274902	20.04	ng	# 85
8) 2-Chlorophenol	7.769	128	443477	49.62	ng	# 81
9) Benzaldehyde	7.299	77	265635	53.46	ng	# 79
10) Phenol	7.410	94	616166	52.85	ng	84
11) bis(2-Chloroethyl)ether	7.587	93	439276	46.87	ng	# 81
12) 1,3-Dichlorobenzene	8.087	146	511048	46.66	ng	# 94
13) 1,4-Dichlorobenzene	8.228	146	517401	46.86	ng	96
14) 1,2-Dichlorobenzene	8.557	146	493773	46.82	ng	97
15) Benzyl Alcohol	8.434	79	402455	48.09	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.722	45	686104	43.47	ng	81
17) 2-Methylphenol	8.663	107	366519	47.88	ng	# 94
18) Hexachloroethane	9.299	117	187901	47.88	ng	96
19) n-Nitroso-di-n-propyla...	8.999	70	332942	46.10	ng	# 75
20) 3+4-Methylphenols	8.993	107	485933	47.55	ng	92
22) Acetophenone	9.016	105	641214	45.82	ng	# 84
24) Nitrobenzene	9.405	77	502281	47.48	ng	# 82
25) Isophorone	9.928	82	872925	48.28	ng	# 90
26) 2-Nitrophenol	10.128	139	236388	57.23	ng	# 76
27) 2,4-Dimethylphenol	10.199	122	383089	55.60	ng	93
28) bis(2-Chloroethoxy)met...	10.399	93	547518	44.13	ng	97
29) 2,4-Dichlorophenol	10.687	162	401699	48.38	ng	96
30) 1,2,4-Trichlorobenzene	10.893	180	461511	45.63	ng	98
31) Naphthalene	11.069	128	1284717	45.92	ng	100
32) Benzoic acid	10.387	122	159634m	35.60	ng	
33) 4-Chloroaniline	11.169	127	142387	11.98	ng	# 90
34) Hexachlorobutadiene	11.381	225	294384	44.62	ng	99
35) Caprolactam	11.922	113	117895	45.92	ng	# 14
36) 4-Chloro-3-methylphenol	12.310	107	414574	46.26	ng	89
37) 2-Methylnaphthalene	12.663	142	902517	45.08	ng	99
38) 1-Methylnaphthalene	12.881	142	840199	44.00	ng	99
40) 1,2,4,5-Tetrachloroben...	13.046	216	486213	49.01	ng	98
41) Hexachlorocyclopentadiene	13.034	237	457291	91.36	ng	100
43) 2,4,6-Trichlorophenol	13.275	196	301029	49.08	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.363	196	317302	49.13	ng	# 96
46) 1,1'-Biphenyl	13.657	154	1115158	47.92	ng	98
47) 2-Chloronaphthalene	13.704	162	878824	46.03	ng	99
48) 2-Nitroaniline	13.893	65	267451	46.94	ng	# 59
49) Acenaphthylene	14.545	152	1324758	47.25	ng	100
50) Dimethylphthalate	14.257	163	1169091	49.89	ng	99
51) 2,6-Dinitrotoluene	14.375	165	236145	49.11	ng	# 74
52) Acenaphthene	14.887	154	929666m	49.78	ng	
53) 3-Nitroaniline	14.710	138	91574	17.21	ng	# 73
54) 2,4-Dinitrophenol	14.928	184	213368	79.39	ng	# 83
55) Dibenzofuran	15.216	168	1274642	45.93	ng	99
56) 4-Nitrophenol	15.057	139	333395	86.91	ng	# 68
57) 2,4-Dinitrotoluene	15.175	165	316680	49.06	ng	# 79
58) Fluorene	15.863	166	1011094	45.50	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.463	232	263147	45.20	ng	97
60) Diethylphthalate	15.610	149	1014265	44.21	ng	99
61) 4-Chlorophenyl-phenyle...	15.845	204	539263	44.41	ng	96
62) 4-Nitroaniline	15.875	138	215544	38.85	ng	87
63) Azobenzene	16.139	77	983826	45.41	ng	86
65) 4,6-Dinitro-2-methylph...	15.951	198	168670	53.09	ng	# 80
66) n-Nitrosodiphenylamine	16.057	169	878022	49.31	ng	98
67) 4-Bromophenyl-phenylether	16.734	248	322852	47.44	ng	97
68) Hexachlorobenzene	16.904	284	353421	45.51	ng	97
69) Atrazine	16.992	200	264023	45.17	ng	99
70) Pentachlorophenol	17.234	266	298929	80.47	ng	99
71) Phenanthrene	17.604	178	1516970	46.47	ng	99
72) Anthracene	17.692	178	1557213	49.39	ng	99
73) Carbazole	17.951	167	1364975	46.67	ng	98
74) Di-n-butylphthalate	18.463	149	1638903	48.40	ng	# 99
75) Fluoranthene	19.545	202	1713403	45.49	ng	99
77) Benzidine	19.692	184	506768	42.60	ng	99
78) Pyrene	19.892	202	1725394	50.41	ng	99
80) Butylbenzylphthalate	20.716	149	695111	54.51	ng	# 87
81) Benzo(a)anthracene	21.586	228	1565039	47.06	ng	98
82) 3,3'-Dichlorobenzidine	21.498	252	286586	24.98	ng	99
83) Chrysene	21.639	228	1510516	47.27	ng	98
84) Bis(2-ethylhexyl)phtha...	21.463	149	1003851	53.40	ng	99
85) Di-n-octyl phthalate	22.380	149	1682416	53.72	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.562	276	1690432	46.43	ng	99
88) Benzo(b)fluoranthene	23.298	252	1552127	46.99	ng	100
89) Benzo(k)fluoranthene	23.345	252	1492698	45.77	ng	99
90) Benzo(a)pyrene	23.933	252	1377065	45.04	ng	99
91) Dibenzo(a,h)anthracene	26.557	278	1435943	47.31	ng	99
92) Benzo(g,h,i)perylene	27.339	276	1422224	48.41	ng	98

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

