

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113020\
 Data File : BP004115.D
 Acq On : 30 Nov 2020 16:57
 Operator : CG/JU
 Sample : L4891-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PAV-B3-112420-0-10MS

Manual Integrations
 APPROVED

mohammad
 12/1/2020 10:43:20 AM

Quant Time: Nov 30 17:41:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	131591	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	527294	20.00	ng	# 0.00
39) Acenaphthene-d10	14.893	164	344380	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	749379	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	720165	20.00	ng	0.00
86) Perylene-d12	24.139	264	690833	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1202243	152.48	ng	0.00
7) Phenol-d6	7.452	99	1469799	129.86	ng	0.00
23) Nitrobenzene-d5	9.434	82	1078662	100.19	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	698270	162.11	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	2405808	97.66	ng	0.00
79) Terphenyl-d14	20.128	244	3531168	94.73	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.505	88	136279	40.06	ng	# 1
3) Pyridine	3.940	79	379098	38.00	ng	# 63
4) n-Nitrosodimethylamine	3.828	42	224284	48.83	ng	# 55
6) Aniline	7.575	93	111084	8.64	ng	# 84
8) 2-Chlorophenol	7.840	128	482366	57.62	ng	# 79
9) Benzaldehyde	7.369	77	267369	59.94	ng	# 78
10) Phenol	7.481	94	572095	52.38	ng	84
11) bis(2-Chloroethyl)ether	7.658	93	466403	53.13	ng	# 81
12) 1,3-Dichlorobenzene	8.158	146	502944	49.02	ng	# 94
13) 1,4-Dichlorobenzene	8.299	146	514933	49.79	ng	96
14) 1,2-Dichlorobenzene	8.634	146	498245	50.43	ng	96
15) Benzyl Alcohol	8.505	79	467575	59.64	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	718528	48.60	ng	82
17) 2-Methylphenol	8.740	107	406529	56.69	ng	# 93
18) Hexachloroethane	9.375	117	187722	51.07	ng	97
19) n-Nitroso-di-n-propyla...	9.075	70	387362	57.26	ng	# 77
20) 3+4-Methylphenols	9.069	107	546369	57.08	ng	# 85
22) Acetophenone	9.087	105	729637	51.55	ng	# 83
24) Nitrobenzene	9.475	77	565482	52.85	ng	# 82
25) Isophorone	9.999	82	1055398	57.71	ng	# 90
26) 2-Nitrophenol	10.199	139	272314	65.18	ng	# 77
27) 2,4-Dimethylphenol	10.269	122	434213	62.31	ng	92
28) bis(2-Chloroethoxy)met...	10.469	93	635703	50.66	ng	99
29) 2,4-Dichlorophenol	10.763	162	488835	58.21	ng	97
30) 1,2,4-Trichlorobenzene	10.963	180	504345	49.30	ng	100
31) Naphthalene	11.146	128	1451810	51.31	ng	100
32) Benzoic acid	10.481	122	203440	42.69	ng	# 77
33) 4-Chloroaniline	11.246	127	52027	4.33	ng	# 89
34) Hexachlorobutadiene	11.452	225	315643	47.30	ng	99
35) Caprolactam	11.999	113	132881	51.18	ng	# 17
36) 4-Chloro-3-methylphenol	12.387	107	536971	59.23	ng	91
37) 2-Methylnaphthalene	12.734	142	1074404	53.06	ng	98
38) 1-Methylnaphthalene	12.951	142	1000744	51.81	ng	99
40) 1,2,4,5-Tetrachloroben...	13.116	216	577429	50.66	ng	99
41) Hexachlorocyclopentadiene	13.104	237	399046	69.40	ng	98
43) 2,4,6-Trichlorophenol	13.351	196	395547	56.14	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.434	196	428349	57.74	ng	#	96
46) 1,1'-Biphenyl	13.722	154	1382523	51.72	ng		98
47) 2-Chloronaphthalene	13.775	162	1086751	49.55	ng		100
48) 2-Nitroaniline	13.963	65	368512	56.30	ng	#	62
49) Acenaphthylene	14.616	152	1700088	52.78	ng		99
50) Dimethylphthalate	14.322	163	1655529	61.50	ng		100
51) 2,6-Dinitrotoluene	14.446	165	323199	58.52	ng	#	78
52) Acenaphthene	14.957	154	1230367m	57.35	ng		
53) 3-Nitroaniline	14.775	138	73554	12.03	ng	#	77
54) 2,4-Dinitrophenol	14.998	184	322584	95.80	ng	#	86
55) Dibenzofuran	15.287	168	1674048	52.52	ng		99
56) 4-Nitrophenol	15.128	139	443045	100.54	ng	#	66
57) 2,4-Dinitrotoluene	15.240	165	454956	61.35	ng	#	76
58) Fluorene	15.934	166	1367749	53.58	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.528	232	363210	54.31	ng		99
60) Diethylphthalate	15.675	149	1427451	54.16	ng		99
61) 4-Chlorophenyl-phenyle...	15.910	204	721318	51.71	ng		96
62) 4-Nitroaniline	15.940	138	289751	45.46	ng		87
63) Azobenzene	16.204	77	1325563	53.27	ng		86
65) 4,6-Dinitro-2-methylph...	16.022	198	243589	58.74	ng		86
66) n-Nitrosodiphenylamine	16.122	169	1221272	53.24	ng		97
67) 4-Bromophenyl-phenylether	16.798	248	448348	51.13	ng		97
68) Hexachlorobenzene	16.969	284	496065	49.58	ng		98
69) Atrazine	17.057	200	394640	52.40	ng		99
70) Pentachlorophenol	17.304	266	488192	102.01	ng		100
71) Phenanthrene	17.669	178	2174846	51.71	ng		99
72) Anthracene	17.757	178	2208992	54.38	ng		99
73) Carbazole	18.016	167	2032724	53.94	ng		99
74) Di-n-butylphthalate	18.522	149	2463783	56.48	ng	#	99
75) Fluoranthene	19.604	202	2607190	53.73	ng		99
77) Benzidine	19.751	184	107677	6.34	ng		100
78) Pyrene	19.957	202	2661540	54.46	ng		99
80) Butylbenzylphthalate	20.769	149	1118838	61.44	ng	#	85
81) Benzo(a)anthracene	21.651	228	2514306	52.94	ng		98
82) 3,3'-Dichlorobenzidine	21.557	252	287545	17.55	ng		99
83) Chrysene	21.704	228	2407403	52.76	ng		99
84) Bis(2-ethylhexyl)phtha...	21.516	149	1632027	60.80	ng		99
85) Di-n-octyl phthalate	22.445	149	2829874	63.28	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.710	276	2175449	43.65	ng		99
88) Benzo(b)fluoranthene	23.392	252	2406622	53.23	ng		99
89) Benzo(k)fluoranthene	23.439	252	2373965	53.18	ng		99
90) Benzo(a)pyrene	24.033	252	2052719	49.05	ng		99
91) Dibenzo(a,h)anthracene	26.704	278	1870929	45.04	ng		98
92) Benzo(g,h,i)perylene	27.498	276	1729714	43.02	ng		98

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

