

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004104.D
 Acq On : 25 Nov 2020 19:04
 Operator : CG/JU
 Sample : L4826-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB-2020-WS-000-04MSD

Manual Integrations
 APPROVED

mohammad
 11/27/2020 11:45:19 AM

Quant Time: Nov 26 00:31:26 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	8.263	152	107149	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	436261	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	283723	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	631625	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	634414	20.00	ng	0.00
86) Perylene-d12	24.133	264	722036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	876730	136.56	ng	0.00
7) Phenol-d6	7.452	99	1059083	114.92	ng	0.00
23) Nitrobenzene-d5	9.434	82	807568	90.66	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	516832	145.64	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1775675	87.50	ng	0.00
79) Terphenyl-d14	20.122	244	2693183	82.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	93425	33.73	ng	# 1
3) Pyridine	3.934	79	282376	34.76	ng	# 62
4) n-Nitrosodimethylamine	3.822	42	164533	43.99	ng	# 55
6) Aniline	7.569	93	235857	22.54	ng	# 84
8) 2-Chlorophenol	7.840	128	361841	53.09	ng	# 79
9) Benzaldehyde	7.369	77	36517	5.86	ng	# 72
10) Phenol	7.481	94	406651	45.73	ng	83
11) bis(2-Chloroethyl)ether	7.658	93	351077	49.12	ng	# 82
12) 1,3-Dichlorobenzene	8.163	146	361053	43.22	ng	# 95
13) 1,4-Dichlorobenzene	8.305	146	367709	43.66	ng	97
14) 1,2-Dichlorobenzene	8.634	146	360424	44.81	ng	97
15) Benzyl Alcohol	8.505	79	350147	54.85	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.793	45	533175	44.29	ng	82
17) 2-Methylphenol	8.740	107	302286	51.77	ng	# 93
18) Hexachloroethane	9.375	117	130369	43.56	ng	99
19) n-Nitroso-di-n-propyla...	9.069	70	289684	52.59	ng	# 76
20) 3+4-Methylphenols	9.069	107	406643	52.17	ng	# 86
22) Acetophenone	9.087	105	555257	47.42	ng	# 82
24) Nitrobenzene	9.475	77	428288	48.38	ng	# 81
25) Isophorone	9.999	82	796305	52.63	ng	# 90
26) 2-Nitrophenol	10.199	139	202118	58.47	ng	# 75
27) 2,4-Dimethylphenol	10.275	122	328486	56.97	ng	92
28) bis(2-Chloroethoxy)met...	10.469	93	472616	45.52	ng	98
29) 2,4-Dichlorophenol	10.763	162	363198	52.28	ng	95
30) 1,2,4-Trichlorobenzene	10.969	180	376062	44.43	ng	98
31) Naphthalene	11.146	128	1091233	46.61	ng	100
32) Benzoic acid	10.469	122	145955	38.12	ng	# 76
33) 4-Chloroaniline	11.246	127	104219	10.48	ng	# 86
34) Hexachlorobutadiene	11.451	225	229325	41.54	ng	99
35) Caprolactam	11.993	113	93307	43.43	ng	# 19
36) 4-Chloro-3-methylphenol	12.387	107	397706	53.03	ng	91
37) 2-Methylnaphthalene	12.734	142	806631	48.15	ng	97
38) 1-Methylnaphthalene	12.951	142	752993	47.12	ng	98
40) 1,2,4,5-Tetrachloroben...	13.116	216	441388	47.01	ng	98
41) Hexachlorocyclopentadiene	13.104	237	263259	55.57	ng	99
43) 2,4,6-Trichlorophenol	13.351	196	293560	50.57	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.440	196	313662	51.32	ng	#	95
46) 1,1'-Biphenyl	13.722	154	1030651	46.80	ng		98
47) 2-Chloronaphthalene	13.775	162	809580	44.80	ng		99
48) 2-Nitroaniline	13.963	65	278982	51.74	ng	#	62
49) Acenaphthylene	14.616	152	1277876	48.16	ng		100
50) Dimethylphthalate	14.322	163	1124544	50.71	ng		99
51) 2,6-Dinitrotoluene	14.440	165	241291	53.03	ng	#	75
52) Acenaphthene	14.957	154	913686m	51.69	ng		
53) 3-Nitroaniline	14.775	138	126944	25.20	ng	#	74
54) 2,4-Dinitrophenol	14.992	184	220619	84.39	ng	#	82
55) Dibenzofuran	15.287	168	1261362	48.03	ng		99
56) 4-Nitrophenol	15.128	139	329034	90.63	ng	#	65
57) 2,4-Dinitrotoluene	15.239	165	337614	55.26	ng	#	78
58) Fluorene	15.934	166	1025719	48.77	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.528	232	271820	49.34	ng		97
60) Diethylphthalate	15.675	149	1060303	48.83	ng		98
61) 4-Chlorophenyl-phenyle...	15.904	204	538574	46.86	ng		99
62) 4-Nitroaniline	15.939	138	236331	45.01	ng		86
63) Azobenzene	16.198	77	986082	48.10	ng		84
65) 4,6-Dinitro-2-methylph...	16.016	198	173330	50.58	ng	#	81
66) n-Nitrosodiphenylamine	16.122	169	917658	47.46	ng		98
67) 4-Bromophenyl-phenylether	16.798	248	336051	45.47	ng		98
68) Hexachlorobenzene	16.969	284	374475	44.41	ng		98
69) Atrazine	17.051	200	288938	45.52	ng		98
70) Pentachlorophenol	17.304	266	361596	89.64	ng		100
71) Phenanthrene	17.669	178	1650642	46.56	ng		99
72) Anthracene	17.757	178	1692154	49.43	ng		99
73) Carbazole	18.010	167	1567873	49.36	ng		99
74) Di-n-butylphthalate	18.522	149	1858191	50.53	ng		99
75) Fluoranthene	19.604	202	2020646	49.40	ng		99
77) Benzidine	19.745	184	284405	19.01	ng		99
78) Pyrene	19.951	202	2068177	48.04	ng		98
80) Butylbenzylphthalate	20.769	149	851962	53.11	ng	#	87
81) Benzo(a)anthracene	21.645	228	2005176	47.93	ng		99
82) 3,3'-Dichlorobenzidine	21.551	252	492126	34.10	ng		99
83) Chrysene	21.704	228	1928104	47.97	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1236549	52.29	ng		99
85) Di-n-octyl phthalate	22.445	149	2156994	54.75	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.709	276	2575864	49.45	ng		98
88) Benzo(b)fluoranthene	23.386	252	2232011	47.24	ng		100
89) Benzo(k)fluoranthene	23.433	252	2008448	43.05	ng		99
90) Benzo(a)pyrene	24.027	252	1943678	44.44	ng		99
91) Dibenzo(a,h)anthracene	26.704	278	2191051	50.46	ng		98
92) Benzo(g,h,i)perylene	27.498	276	2167051	51.56	ng		98

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

