

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113020\
 Data File : BP004116.D
 Acq On : 30 Nov 2020 17:31
 Operator : CG/JU
 Sample : L4891-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 12/1/2020 10:43:23 AM

Quant Time: Nov 30 17:57:13 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	160572	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	624995	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	394166	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	797720	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	627763	20.00	ng	0.00
86) Perylene-d12	24.133	264	475519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1431790	148.82	ng	0.00
7) Phenol-d6	7.458	99	1727323	125.07	ng	0.00
23) Nitrobenzene-d5	9.434	82	1276884	100.06	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	763116	154.79	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	2768287	98.19	ng	0.00
79) Terphenyl-d14	20.122	244	3512345	108.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	164659	39.67	ng	# 1
3) Pyridine	3.940	79	451651	37.10	ng	# 61
4) n-Nitrosodimethylamine	3.834	42	265835	47.43	ng	# 55
6) Aniline	7.575	93	139449	8.89	ng	# 83
8) 2-Chlorophenol	7.840	128	574935	56.28	ng	# 80
9) Benzaldehyde	7.369	77	321476	58.51	ng	# 79
10) Phenol	7.481	94	670890	50.34	ng	83
11) bis(2-Chloroethyl)ether	7.658	93	562197	52.49	ng	# 80
12) 1,3-Dichlorobenzene	8.163	146	605058	48.33	ng	# 95
13) 1,4-Dichlorobenzene	8.299	146	619840	49.11	ng	97
14) 1,2-Dichlorobenzene	8.634	146	599311	49.72	ng	97
15) Benzyl Alcohol	8.510	79	549086	57.40	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	865936	48.00	ng	83
17) 2-Methylphenol	8.740	107	478847	54.72	ng	# 94
18) Hexachloroethane	9.375	117	224328	50.01	ng	98
19) n-Nitroso-di-n-propyla...	9.075	70	452783	54.85	ng	# 77
20) 3+4-Methylphenols	9.069	107	633900	54.27	ng	# 86
22) Acetophenone	9.093	105	859251	51.22	ng	# 85
24) Nitrobenzene	9.475	77	668449	52.71	ng	# 81
25) Isophorone	9.999	82	1226224	56.57	ng	# 90
26) 2-Nitrophenol	10.199	139	320667	64.76	ng	# 75
27) 2,4-Dimethylphenol	10.275	122	500456	60.59	ng	93
28) bis(2-Chloroethoxy)met...	10.469	93	744139	50.03	ng	99
29) 2,4-Dichlorophenol	10.763	162	566852	56.95	ng	95
30) 1,2,4-Trichlorobenzene	10.963	180	601828	49.63	ng	99
31) Naphthalene	11.146	128	1714154	51.11	ng	100
32) Benzoic acid	10.487	122	242536	42.89	ng	# 74
33) 4-Chloroaniline	11.246	127	48450	3.40	ng	# 91
34) Hexachlorobutadiene	11.451	225	380184	48.07	ng	99
35) Caprolactam	12.004	113	146308	47.54	ng	# 20
36) 4-Chloro-3-methylphenol	12.387	107	603439	56.16	ng	90
37) 2-Methylnaphthalene	12.734	142	1255405	52.31	ng	97
38) 1-Methylnaphthalene	12.951	142	1165055	50.89	ng	99
40) 1,2,4,5-Tetrachloroben...	13.116	216	673101	51.60	ng	99
41) Hexachlorocyclopentadiene	13.104	237	487186	74.03	ng	100
43) 2,4,6-Trichlorophenol	13.351	196	451080	55.94	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	476158	56.08	ng	96
46) 1,1'-Biphenyl	13.722	154	1585167	51.81	ng	98
47) 2-Chloronaphthalene	13.775	162	1243976	49.55	ng	99
48) 2-Nitroaniline	13.963	65	404587	54.01	ng	# 61
49) Acenaphthylene	14.616	152	1919206	52.06	ng	100
50) Dimethylphthalate	14.328	163	1843573	59.84	ng	100
51) 2,6-Dinitrotoluene	14.445	165	361437	57.17	ng	# 79
52) Acenaphthene	14.957	154	1375173m	56.00	ng	
53) 3-Nitroaniline	14.775	138	65333	9.34	ng	# 74
54) 2,4-Dinitrophenol	14.998	184	345552	91.59	ng	# 87
55) Dibenzofuran	15.287	168	1870294	51.26	ng	99
56) 4-Nitrophenol	15.128	139	460721	91.35	ng	# 66
57) 2,4-Dinitrotoluene	15.239	165	490635	57.80	ng	# 76
58) Fluorene	15.934	166	1511068	51.72	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.528	232	399730	52.22	ng	97
60) Diethylphthalate	15.675	149	1565776	51.90	ng	99
61) 4-Chlorophenyl-phenyle...	15.910	204	806832	50.53	ng	96
62) 4-Nitroaniline	15.939	138	300308	41.16	ng	86
63) Azobenzene	16.204	77	1454810	51.08	ng	86
65) 4,6-Dinitro-2-methylph...	16.022	198	260086	58.90	ng	86
66) n-Nitrosodiphenylamine	16.122	169	1332254	54.56	ng	98
67) 4-Bromophenyl-phenylether	16.798	248	495043	53.04	ng	98
68) Hexachlorobenzene	16.969	284	544513	51.13	ng	98
69) Atrazine	17.057	200	417916	52.13	ng	99
70) Pentachlorophenol	17.304	266	512479	100.59	ng	99
71) Phenanthrene	17.669	178	2324673	51.92	ng	99
72) Anthracene	17.757	178	2334709	53.99	ng	99
73) Carbazole	18.016	167	2097384	52.28	ng	99
74) Di-n-butylphthalate	18.522	149	2621212	56.44	ng	# 99
75) Fluoranthene	19.604	202	2620219	50.72	ng	99
77) Benzidine	19.751	184	91082	6.15	ng	99
78) Pyrene	19.951	202	2640064	61.97	ng	98
80) Butylbenzylphthalate	20.769	149	1086998	68.48	ng	# 87
81) Benzo(a)anthracene	21.645	228	2206455	53.30	ng	99
82) 3,3'-Dichlorobenzidine	21.557	252	238759	16.72	ng	98
83) Chrysene	21.704	228	2092667	52.61	ng	98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1568263	67.03	ng	99
85) Di-n-octyl phthalate	22.445	149	2487717	63.82	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.704	276	1666257	48.57	ng	99
88) Benzo(b)fluoranthene	23.386	252	1807668	58.09	ng	100
89) Benzo(k)fluoranthene	23.433	252	1659726	54.02	ng	99
90) Benzo(a)pyrene	24.027	252	1443484	50.11	ng	99
91) Dibenzo(a,h)anthracene	26.692	278	1405265	49.15	ng	99
92) Benzo(g,h,i)perylene	27.492	276	1410392	50.96	ng	98

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

