

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004103.D
 Acq On : 25 Nov 2020 18:30
 Operator : CG/JU
 Sample : L4826-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 11/27/2020 11:45:16 AM

Quant Time: Nov 26 00:30:52 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	105513	20.00	ng	0.00
21) Naphthalene-d8	11.099	136	426922	20.00	ng	# 0.00
39) Acenaphthene-d10	14.893	164	281169	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	624501	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	627433	20.00	ng	0.00
86) Perylene-d12	24.133	264	720052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	859795	136.00	ng	0.00
7) Phenol-d6	7.452	99	1038492	114.43	ng	0.00
23) Nitrobenzene-d5	9.434	82	788651	90.47	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	511130	145.34	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1761047	87.56	ng	0.00
79) Terphenyl-d14	20.122	244	2690088	82.83	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	91401	33.51	ng	# 1
3) Pyridine	3.934	79	276151	34.52	ng	# 63
4) n-Nitrosodimethylamine	3.822	42	161527	43.86	ng	# 55
6) Aniline	7.575	93	226077	21.94	ng	# 85
8) 2-Chlorophenol	7.840	128	351999	52.44	ng	# 81
9) Benzaldehyde	7.369	77	37008	6.10	ng	# 78
10) Phenol	7.481	94	399593	45.63	ng	84
11) bis(2-Chloroethyl)ether	7.658	93	345806	49.13	ng	83
12) 1,3-Dichlorobenzene	8.163	146	352114	42.81	ng	# 95
13) 1,4-Dichlorobenzene	8.299	146	363212	43.80	ng	96
14) 1,2-Dichlorobenzene	8.634	146	354705	44.78	ng	97
15) Benzyl Alcohol	8.505	79	340426	54.16	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.793	45	517364	43.64	ng	82
17) 2-Methylphenol	8.740	107	300485	52.26	ng	# 95
18) Hexachloroethane	9.375	117	128558	43.62	ng	99
19) n-Nitroso-di-n-propyla...	9.069	70	282408	52.07	ng	# 75
20) 3+4-Methylphenols	9.069	107	399436	52.04	ng	# 85
22) Acetophenone	9.087	105	546450	47.69	ng	# 83
24) Nitrobenzene	9.475	77	418891	48.35	ng	# 81
25) Isophorone	9.999	82	781240	52.76	ng	# 91
26) 2-Nitrophenol	10.199	139	200264	59.20	ng	# 76
27) 2,4-Dimethylphenol	10.275	122	323007	57.25	ng	92
28) bis(2-Chloroethoxy)met...	10.469	93	465003	45.77	ng	98
29) 2,4-Dichlorophenol	10.763	162	356309	52.41	ng	96
30) 1,2,4-Trichlorobenzene	10.963	180	367845	44.41	ng	99
31) Naphthalene	11.146	128	1070394	46.72	ng	100
32) Benzoic acid	10.469	122	144875	38.55	ng	# 79
33) 4-Chloroaniline	11.246	127	98073	10.07	ng	# 88
34) Hexachlorobutadiene	11.457	225	225929	41.82	ng	100
35) Caprolactam	11.993	113	92151	43.83	ng	# 20
36) 4-Chloro-3-methylphenol	12.387	107	395998	53.95	ng	90
37) 2-Methylnaphthalene	12.734	142	793557	48.41	ng	98
38) 1-Methylnaphthalene	12.951	142	744460	47.61	ng	99
40) 1,2,4,5-Tetrachloroben...	13.116	216	434750	46.72	ng	99
41) Hexachlorocyclopentadiene	13.104	237	264178	56.27	ng	99
43) 2,4,6-Trichlorophenol	13.351	196	291803	50.73	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	316596	52.27	ng	97
46) 1,1'-Biphenyl	13.722	154	1023238	46.88	ng	98
47) 2-Chloronaphthalene	13.775	162	804991	44.95	ng	99
48) 2-Nitroaniline	13.957	65	277027	51.84	ng #	59
49) Acenaphthylene	14.616	152	1270655	48.32	ng	99
50) Dimethylphthalate	14.322	163	1119988	50.96	ng	100
51) 2,6-Dinitrotoluene	14.440	165	239831	53.18	ng #	72
52) Acenaphthene	14.957	154	905282m	51.68	ng	
53) 3-Nitroaniline	14.775	138	119442	23.93	ng #	72
54) 2,4-Dinitrophenol	14.993	184	219047	84.50	ng #	84
55) Dibenzofuran	15.287	168	1255390	48.24	ng	99
56) 4-Nitrophenol	15.128	139	326249	90.68	ng #	69
57) 2,4-Dinitrotoluene	15.240	165	336994	55.66	ng #	80
58) Fluorene	15.934	166	1022465	49.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	273312	50.06	ng	94
60) Diethylphthalate	15.675	149	1053522	48.96	ng	99
61) 4-Chlorophenyl-phenyle...	15.904	204	535554	47.02	ng	97
62) 4-Nitroaniline	15.940	138	235079	45.17	ng	88
63) Azobenzene	16.198	77	974499	47.96	ng	85
65) 4,6-Dinitro-2-methylph...	16.016	198	173955	51.24	ng #	81
66) n-Nitrosodiphenylamine	16.122	169	909878	47.59	ng	97
67) 4-Bromophenyl-phenylether	16.798	248	333269	45.61	ng	98
68) Hexachlorobenzene	16.969	284	374396	44.91	ng	97
69) Atrazine	17.051	200	290700	46.32	ng	99
70) Pentachlorophenol	17.304	266	359278	90.08	ng	100
71) Phenanthrene	17.669	178	1644195	46.91	ng	99
72) Anthracene	17.757	178	1681219	49.67	ng	99
73) Carbazole	18.010	167	1561693	49.73	ng	99
74) Di-n-butylphthalate	18.522	149	1859344	51.14	ng	99
75) Fluoranthene	19.604	202	2009374	49.69	ng	99
77) Benzidine	19.745	184	293209	19.81	ng	100
78) Pyrene	19.951	202	2063314	48.46	ng	99
80) Butylbenzylphthalate	20.763	149	852681	53.74	ng #	83
81) Benzo(a)anthracene	21.645	228	2000112	48.34	ng	99
82) 3,3'-Dichlorobenzidine	21.551	252	463239	32.46	ng	100
83) Chrysene	21.704	228	1941090	48.83	ng	98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1229285	52.57	ng	99
85) Di-n-octyl phthalate	22.445	149	2169543	55.69	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.710	276	2520157	48.52	ng	98
88) Benzo(b)fluoranthene	23.386	252	2212044	46.94	ng	99
89) Benzo(k)fluoranthene	23.433	252	2025102	43.53	ng	99
90) Benzo(a)pyrene	24.033	252	1950830	44.72	ng	98
91) Dibenzo(a,h)anthracene	26.704	278	2155589	49.78	ng	98
92) Benzo(g,h,i)perylene	27.498	276	2125387	50.71	ng	98

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

