

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100920\
 Data File : BP003594.D
 Acq On : 09 Oct 2020 15:31
 Operator : CG/JU
 Sample : L4316-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11929MSD

Quant Time: Oct 09 16:29:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 08 15:55:58 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.475	152	40666	20.00	ng	0.00
21) Naphthalene-d8	10.252	136	150928	20.00	ng	0.00
39) Acenaphthene-d10	14.140	164	94951	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	207634	20.00	ng	0.00
76) Chrysene-d12	21.010	240	242148	20.00	ng	# 0.00
86) Perylene-d12	23.174	264	272827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.099	112	242728	104.22	ng	0.00
7) Phenol-d6	6.693	99	293078	94.41	ng	0.00
23) Nitrobenzene-d5	8.628	82	199435	77.63	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	161198	111.31	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	483953	74.54	ng	0.00
79) Terphenyl-d14	19.486	244	788342	67.83	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.981	88	32158	33.60	ng	# 97
3) Pyridine	3.375	79	89305	35.05	ng	96
4) n-Nitrosodimethylamine	3.299	42	38206	50.12	ng	# 68
6) Aniline	6.811	93	94901	26.62	ng	# 90
8) 2-Chlorophenol	7.052	128	108682	41.90	ng	92
9) Benzaldehyde	6.634	77	20824	12.03	ng	84
10) Phenol	6.716	94	127479	42.99	ng	80
11) bis(2-Chloroethyl)ether	6.911	93	91645	39.00	ng	96
12) 1,3-Dichlorobenzene	7.363	146	120427	38.83	ng	# 94
13) 1,4-Dichlorobenzene	7.511	146	122052	38.91	ng	96
14) 1,2-Dichlorobenzene	7.822	146	117148	38.90	ng	97
15) Benzyl Alcohol	7.734	79	95999	46.54	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.016	45	60452	35.38	ng	84
17) 2-Methylphenol	7.952	107	86810	40.49	ng	# 90
18) Hexachloroethane	8.540	117	45910	39.28	ng	99
19) n-Nitroso-di-n-propyla...	8.287	70	68210	41.01	ng	92
20) 3+4-Methylphenols	8.287	107	115996	40.65	ng	# 68
22) Acetophenone	8.299	105	152954	41.27	ng	# 90
24) Nitrobenzene	8.669	77	111531	43.39	ng	# 84
25) Isophorone	9.199	82	197534	41.95	ng	95
26) 2-Nitrophenol	9.381	139	59696	42.52	ng	# 71
27) 2,4-Dimethylphenol	9.469	122	95193	47.94	ng	87
28) bis(2-Chloroethoxy)met...	9.681	93	117332	37.44	ng	97
29) 2,4-Dichlorophenol	9.946	162	102059	41.14	ng	96
30) 1,2,4-Trichlorobenzene	10.122	180	116339	39.52	ng	99
31) Naphthalene	10.299	128	319346	40.05	ng	99
32) Benzoic acid	9.687	122	37124	30.30	ng	# 80
33) 4-Chloroaniline	10.434	127	67440	19.91	ng	# 91
34) Hexachlorobutadiene	10.593	225	80198	39.91	ng	100
35) Caprolactam	11.204	113	31051	37.50	ng	83
36) 4-Chloro-3-methylphenol	11.599	107	112957	42.23	ng	88
37) 2-Methylnaphthalene	11.928	142	228443	39.55	ng	# 94
38) 1-Methylnaphthalene	12.151	142	213420	38.92	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.316	216	135775	43.68	ng	98
41) Hexachlorocyclopentadiene	12.293	237	49380	53.81	ng	98
43) 2,4,6-Trichlorophenol	12.575	196	82337	40.97	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.675	196	88119	42.62	ng	#	96
46) 1,1'-Biphenyl	12.963	154	296215	41.83	ng		98
47) 2-Chloronaphthalene	13.004	162	234183	39.93	ng		96
48) 2-Nitroaniline	13.222	65	64515	43.47	ng	#	69
49) Acenaphthylene	13.857	152	361502	40.35	ng		99
50) Dimethylphthalate	13.604	163	367111	48.42	ng		100
51) 2,6-Dinitrotoluene	13.728	165	66736	41.06	ng	#	68
52) Acenaphthene	14.204	154	216961	39.79	ng		99
53) 3-Nitroaniline	14.069	138	35706	20.27	ng	#	74
54) 2,4-Dinitrophenol	14.310	184	52511	69.34	ng	#	79
55) Dibenzofuran	14.545	168	356006	40.90	ng		93
56) 4-Nitrophenol	14.440	139	72332	67.20	ng	#	47
57) 2,4-Dinitrotoluene	14.540	165	94070	41.73	ng	#	52
58) Fluorene	15.198	166	291210	42.36	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.792	232	80404	41.36	ng		96
60) Diethylphthalate	14.981	149	307500	39.76	ng		99
61) 4-Chlorophenyl-phenyle...	15.192	204	156505	41.71	ng		95
62) 4-Nitroaniline	15.240	138	55671	29.79	ng	#	58
63) Azobenzene	15.487	77	250046	42.41	ng		88
65) 4,6-Dinitro-2-methylph...	15.322	198	46798	42.71	ng		94
66) n-Nitrosodiphenylamine	15.416	169	256339	42.03	ng		100
67) 4-Bromophenyl-phenylether	16.087	248	105407	42.00	ng		95
68) Hexachlorobenzene	16.216	284	126484	42.42	ng		98
69) Atrazine	16.375	200	75441	31.53	ng		97
70) Pentachlorophenol	16.575	266	93742	73.82	ng		99
71) Phenanthrene	16.939	178	463357	41.02	ng		99
72) Anthracene	17.034	178	474738	42.64	ng		99
73) Carbazole	17.310	167	425150	40.20	ng		99
74) Di-n-butylphthalate	17.875	149	528577	39.10	ng	#	98
75) Fluoranthene	18.928	202	587863	41.39	ng		98
77) Benzidine	19.116	184	263005	35.03	ng		99
78) Pyrene	19.280	202	601237	39.81	ng		99
80) Butylbenzylphthalate	20.163	149	249787	36.15	ng		90
81) Benzo(a)anthracene	20.992	228	619543	39.58	ng		99
82) 3,3'-Dichlorobenzidine	20.927	252	165689	27.39	ng		97
83) Chrysene	21.045	228	608769	40.48	ng		100
84) Bis(2-ethylhexyl)phtha...	20.927	149	379430	39.01	ng		99
85) Di-n-octyl phthalate	21.774	149	663065	37.31	ng	#	97
87) Indeno(1,2,3-cd)pyrene	25.374	276	888232	42.95	ng	#	93
88) Benzo(b)fluoranthene	22.527	252	701806	40.74	ng	#	98
89) Benzo(k)fluoranthene	22.569	252	694837	42.08	ng	#	97
90) Benzo(a)pyrene	23.080	252	645940	39.76	ng	#	97
91) Dibenzo(a,h)anthracene	25.368	278	743750	43.59	ng	#	96
92) Benzo(g,h,i)perylene	26.039	276	740611	43.47	ng	#	93

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

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