

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102820\
 Data File : BP003777.D
 Acq On : 28 Oct 2020 19:18
 Operator : CG/JU
 Sample : L4219-24MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-102320MSD

Quant Time: Oct 29 01:12:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 26 16:22:21 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.511	152	69768	20.00	ng	0.00
21) Naphthalene-d8	11.352	136	250094	20.00	ng	# 0.00
39) Acenaphthene-d10	15.116	164	157036	20.00	ng	0.00
64) Phenanthrene-d10	17.834	188	344886	20.00	ng	0.00
76) Chrysene-d12	21.857	240	360711	20.00	ng	# 0.01
86) Perylene-d12	24.433	264	388206	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.011	112	525101	125.86	ng	0.00
7) Phenol-d6	7.664	99	585016	99.24	ng	0.00
23) Nitrobenzene-d5	9.681	82	514908	87.10	ng	0.00
42) 2,4,6-Tribromophenol	16.587	330	385898	157.51	ng	0.00
45) 2-Fluorobiphenyl	13.740	172	1204145	99.13	ng	0.00
79) Terphenyl-d14	20.310	244	1881208	91.72	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.681	88	68968	38.69	ng	# 60
3) Pyridine	4.128	79	189235	37.53	ng	93
4) n-Nitrosodimethylamine	4.017	42	93933	43.68	ng	# 63
6) Aniline	7.811	93	160597	24.55	ng	# 91
8) 2-Chlorophenol	8.075	128	212165	51.08	ng	89
9) Benzaldehyde	7.605	77	60654	17.91	ng	# 81
10) Phenol	7.693	94	223471	39.81	ng	87
11) bis(2-Chloroethyl)ether	7.893	93	204718	45.95	ng	95
12) 1,3-Dichlorobenzene	8.405	146	248629	46.42	ng	# 95
13) 1,4-Dichlorobenzene	8.546	146	254025	46.96	ng	95
14) 1,2-Dichlorobenzene	8.881	146	242621	47.33	ng	95
15) Benzyl Alcohol	8.740	79	197070	43.73	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	9.034	45	179667	40.70	ng	98
17) 2-Methylphenol	8.963	107	174519	46.93	ng	# 92
18) Hexachloroethane	9.634	117	91030	43.66	ng	90
19) n-Nitroso-di-n-propyla...	9.310	70	151823	42.15	ng	# 87
20) 3+4-Methylphenols	9.293	107	229115	45.77	ng	95
22) Acetophenone	9.334	105	332835	45.48	ng	# 92
24) Nitrobenzene	9.722	77	241876	42.50	ng	# 83
25) Isophorone	10.246	82	422505	44.35	ng	93
26) 2-Nitrophenol	10.446	139	115484	54.32	ng	# 75
27) 2,4-Dimethylphenol	10.505	122	189096	56.64	ng	90
28) bis(2-Chloroethoxy)met...	10.716	93	258481	42.53	ng	98
29) 2,4-Dichlorophenol	10.999	162	214501	48.98	ng	94
30) 1,2,4-Trichlorobenzene	11.222	180	256937	45.78	ng	99
31) Naphthalene	11.404	128	647613	48.04	ng	99
32) Benzoic acid	10.652	122	94840	41.29	ng	# 79
33) 4-Chloroaniline	11.487	127	61883	11.14	ng	# 90
34) Hexachlorobutadiene	11.716	225	181161	42.78	ng	99
35) Caprolactam	12.216	113	42875	33.43	ng	# 73
36) 4-Chloro-3-methylphenol	12.599	107	220962	46.51	ng	88
37) 2-Methylnaphthalene	12.975	142	474836	48.54	ng	95
38) 1-Methylnaphthalene	13.187	142	435600	47.10	ng	99
40) 1,2,4,5-Tetrachloroben...	13.346	216	313306	50.38	ng	98
41) Hexachlorocyclopentadiene	13.340	237	344186	95.60	ng	99
43) 2,4,6-Trichlorophenol	13.569	196	186238	50.33	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.646	196	200414	52.13	ng	97
46) 1,1'-Biphenyl	13.951	154	610756	49.88	ng	98
47) 2-Chloronaphthalene	13.998	162	488778	47.73	ng	99
48) 2-Nitroaniline	14.175	65	125824	41.61	ng #	69
49) Acenaphthylene	14.840	152	717828	49.10	ng	100
50) Dimethylphthalate	14.540	163	700708	54.30	ng #	98
51) 2,6-Dinitrotoluene	14.651	165	134285	51.17	ng #	78
52) Acenaphthene	15.181	154	533062	54.02	ng	84
53) 3-Nitroaniline	14.981	138	62662	24.32	ng #	73
54) 2,4-Dinitrophenol	15.187	184	145468	96.74	ng #	1
55) Dibenzofuran	15.504	168	737082	49.41	ng	100
56) 4-Nitrophenol	15.298	139	177482	92.06	ng #	58
57) 2,4-Dinitrotoluene	15.440	165	183694	51.73	ng #	84
58) Fluorene	16.145	166	594682	49.41	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.734	232	192261	52.15	ng #	89
60) Diethylphthalate	15.887	149	608360	48.12	ng	97
61) 4-Chlorophenyl-phenyle...	16.122	204	348293	47.86	ng	93
62) 4-Nitroaniline	16.140	138	119455	41.80	ng #	70
63) Azobenzene	16.416	77	499620	42.05	ng	91
65) 4,6-Dinitro-2-methylph...	16.210	198	107187	58.95	ng	90
66) n-Nitrosodiphenylamine	16.328	169	523019	50.94	ng	97
67) 4-Bromophenyl-phenylether	17.010	248	232049	50.25	ng	96
68) Hexachlorobenzene	17.175	284	269431	50.70	ng	95
69) Atrazine	17.257	200	170860	42.68	ng	96
70) Pentachlorophenol	17.504	266	314236	119.74	ng	99
71) Phenanthrene	17.881	178	940842	49.09	ng	99
72) Anthracene	17.963	178	955531	51.62	ng	99
73) Carbazole	18.210	167	823754	50.02	ng	98
74) Di-n-butylphthalate	18.716	149	954984	47.51	ng #	98
75) Fluoranthene	19.792	202	1155150	49.06	ng	98
77) Benzidine	19.933	184	231944	26.84	ng	100
78) Pyrene	20.139	202	1157509	47.91	ng	98
80) Butylbenzylphthalate	20.945	149	413358	46.70	ng #	84
81) Benzo(a)anthracene	21.839	228	1156362	48.08	ng	98
82) 3,3'-Dichlorobenzidine	21.745	252	238545	28.33	ng #	96
83) Chrysene	21.898	228	1109151	48.65	ng	98
84) Bis(2-ethylhexyl)phtha...	21.698	149	593207	46.83	ng #	98
85) Di-n-octyl phthalate	22.663	149	1008924	49.07	ng #	93
87) Indeno(1,2,3-cd)pyrene	27.127	276	1482889	53.22	ng #	91
88) Benzo(b)fluoranthene	23.651	252	1267723	46.80	ng #	96
89) Benzo(k)fluoranthene	23.698	252	1177234	45.54	ng #	96
90) Benzo(a)pyrene	24.321	252	1106182	45.80	ng #	96
91) Dibenzo(a,h)anthracene	27.127	278	1271055	54.57	ng #	94
92) Benzo(g,h,i)perylene	27.962	276	1236220	57.26	ng #	90

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

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