

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP003996.D
 Acq On : 18 Nov 2020 16:34
 Operator : CG/JU
 Sample : L4778-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MS

Quant Time: Nov 18 17:27:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	143720	20.00	ng	0.00
21) Naphthalene-d8	11.116	136	548817	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	315733	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	566884	20.00	ng	# 0.00
76) Chrysene-d12	21.698	240	515257	20.00	ng	# 0.02
86) Perylene-d12	24.204	264	586840	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	866626	100.64	ng	0.00
7) Phenol-d6	7.463	99	1132306	91.60	ng	0.01
23) Nitrobenzene-d5	9.452	82	733308	65.44	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	383448	97.10	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1559193	69.04	ng	0.00
79) Terphenyl-d14	20.145	244	1688943	63.33	ng	0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	139696	37.60	ng	# 62
3) Pyridine	3.928	79	423976	38.91	ng	# 58
4) n-Nitrosodimethylamine	3.828	42	241389	48.12	ng	# 52
6) Aniline	7.587	93	301371	21.47	ng	# 83
8) 2-Chlorophenol	7.858	128	487605	53.33	ng	# 81
9) Benzaldehyde	7.387	77	77663	10.72	ng	# 81
10) Phenol	7.487	94	614153	51.49	ng	81
11) bis(2-Chloroethyl)ether	7.669	93	475669	49.61	ng	# 80
12) 1,3-Dichlorobenzene	8.181	146	561959	50.15	ng	# 95
13) 1,4-Dichlorobenzene	8.316	146	569198	50.39	ng	96
14) 1,2-Dichlorobenzene	8.652	146	546882	50.69	ng	96
15) Benzyl Alcohol	8.522	79	455906	53.25	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.810	45	752381	46.59	ng	82
17) 2-Methylphenol	8.752	107	410640	52.43	ng	# 93
18) Hexachloroethane	9.393	117	211978	52.80	ng	97
19) n-Nitroso-di-n-propyla...	9.087	70	373760	50.59	ng	# 75
20) 3+4-Methylphenols	9.081	107	543216	51.96	ng	91
22) Acetophenone	9.105	105	729469	49.52	ng	# 83
24) Nitrobenzene	9.493	77	561513	50.42	ng	# 82
25) Isophorone	10.016	82	1010692	53.10	ng	# 90
26) 2-Nitrophenol	10.216	139	268587	61.77	ng	# 74
27) 2,4-Dimethylphenol	10.287	122	435705	60.07	ng	93
28) bis(2-Chloroethoxy)met...	10.487	93	614964	47.08	ng	98
29) 2,4-Dichlorophenol	10.775	162	463650	53.05	ng	95
30) 1,2,4-Trichlorobenzene	10.987	180	532866	50.04	ng	99
31) Naphthalene	11.169	128	1474493	50.07	ng	100
32) Benzoic acid	10.463	122	214521	43.14	ng	# 77
33) 4-Chloroaniline	11.257	127	260114	20.78	ng	# 89
34) Hexachlorobutadiene	11.475	225	341143	49.12	ng	99
35) Caprolactam	12.010	113	146333	54.15	ng	# 13
36) 4-Chloro-3-methylphenol	12.393	107	496876	52.66	ng	87
37) 2-Methylnaphthalene	12.751	142	1049808	49.81	ng	97
38) 1-Methylnaphthalene	12.969	142	974589	48.48	ng	99
40) 1,2,4,5-Tetrachloroben...	13.134	216	569697	54.52	ng	99
41) Hexachlorocyclopentadiene	13.122	237	292996	55.58	ng	99
43) 2,4,6-Trichlorophenol	13.363	196	363745	56.31	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111820\
 Data File : BP003996.D
 Acq On : 18 Nov 2020 16:34
 Operator : CG/JU
 Sample : L4778-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-223MS

Quant Time: Nov 18 17:27:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.446	196	384173	56.49	ng	#	95
46) 1,1'-Biphenyl	13.740	154	1346802	54.95	ng		98
47) 2-Chloronaphthalene	13.793	162	1009251	50.19	ng		99
48) 2-Nitroaniline	13.975	65	327056	54.50	ng	#	59
49) Acenaphthylene	14.634	152	1503330	50.91	ng		99
50) Dimethylphthalate	14.340	163	1422509	57.64	ng	#	99
51) 2,6-Dinitrotoluene	14.457	165	279021	55.10	ng	#	76
52) Acenaphthene	14.975	154	1059083	53.84	ng		96
53) 3-Nitroaniline	14.787	138	192175	34.28	ng	#	70
54) 2,4-Dinitrophenol	15.004	184	238402	82.70	ng	#	79
55) Dibenzofuran	15.304	168	1425690	48.78	ng		99
56) 4-Nitrophenol	15.128	139	407222	100.80	ng	#	57
57) 2,4-Dinitrotoluene	15.251	165	364247	53.57	ng	#	78
58) Fluorene	15.951	166	1125403	48.09	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.545	232	300264	48.97	ng	#	98
60) Diethylphthalate	15.692	149	1184150	49.00	ng		98
61) 4-Chlorophenyl-phenyle...	15.928	204	595722	46.58	ng		98
62) 4-Nitroaniline	15.951	138	246887	42.25	ng		81
63) Azobenzene	16.222	77	1089707	47.76	ng		85
65) 4,6-Dinitro-2-methylph...	16.028	198	183531	58.53	ng	#	60
66) n-Nitrosodiphenylamine	16.140	169	1000514	57.65	ng		98
67) 4-Bromophenyl-phenylether	16.822	248	351319	52.97	ng		95
68) Hexachlorobenzene	16.992	284	389263	51.43	ng		97
69) Atrazine	17.075	200	302405	53.08	ng		94
70) Pentachlorophenol	17.322	266	356666	98.52	ng		99
71) Phenanthrene	17.692	178	1637480	51.47	ng		99
72) Anthracene	17.781	178	1665153	54.19	ng		98
73) Carbazole	18.034	167	1474458	51.72	ng		99
74) Di-n-butylphthalate	18.545	149	1952406	59.16	ng	#	97
75) Fluoranthene	19.628	202	1815822	49.46	ng		99
77) Benzidine	19.769	184	424406	34.92	ng	#	89
78) Pyrene	19.980	202	1851847	52.96	ng		98
80) Butylbenzylphthalate	20.792	149	722823	55.48	ng	#	81
81) Benzo(a)anthracene	21.680	228	1748226	51.45	ng		98
82) 3,3'-Dichlorobenzidine	21.586	252	289596	24.71	ng	#	93
83) Chrysene	21.733	228	1689101	51.74	ng		97
84) Bis(2-ethylhexyl)phtha...	21.551	149	2536416	132.07	ng		97
85) Di-n-octyl phthalate	22.492	149	1874696	58.59	ng	#	97
87) Indeno(1,2,3-cd)pyrene	26.810	276	2152575	50.85	ng		97
88) Benzo(b)fluoranthene	23.445	252	1874887	48.82	ng	#	87
89) Benzo(k)fluoranthene	23.492	252	1758078	46.36	ng	#	89
90) Benzo(a)pyrene	24.098	252	1687012	47.45	ng	#	87
91) Dibenzo(a,h)anthracene	26.804	278	1830654	51.88	ng		97
92) Benzo(g,h,i)perylene	27.609	276	1825565	53.45	ng		98

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

Quant Time: Nov 18 17:27:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

