

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111120\
 Data File : BP003924.D
 Acq On : 11 Nov 2020 17:05
 Operator : CG/JU
 Sample : L4700-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 R-LA-38-2-WCMSD

Quant Time: Nov 11 17:32:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 10 13:41:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.275	152	146644	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	565164	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	319295	20.00	ng	0.00
64) Phenanthrene-d10	17.634	188	661047	20.00	ng	# 0.00
76) Chrysene-d12	21.669	240	614806	20.00	ng	0.01
86) Perylene-d12	24.145	264	647614	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	1023639	116.50	ng	0.00
7) Phenol-d6	7.452	99	1187587	94.16	ng	0.00
23) Nitrobenzene-d5	9.440	82	853234	73.94	ng	0.00
42) 2,4,6-Tribromophenol	16.387	330	481920	120.67	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	1574063	68.92	ng	0.00
79) Terphenyl-d14	20.128	244	1972051	61.97	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	150857	39.80	ng	# 57
3) Pyridine	3.928	79	447756	40.27	ng	# 61
4) n-Nitrosodimethylamine	3.828	42	241526	47.19	ng	# 52
6) Aniline	7.581	93	322587	22.52	ng	# 84
8) 2-Chlorophenol	7.852	128	442632	47.45	ng	# 80
9) Benzaldehyde	7.381	77	78598	10.61	ng	# 79
10) Phenol	7.481	94	539393	44.32	ng	83
11) bis(2-Chloroethyl)ether	7.669	93	442965	45.28	ng	# 80
12) 1,3-Dichlorobenzene	8.175	146	511293	44.72	ng	# 94
13) 1,4-Dichlorobenzene	8.316	146	516613	44.82	ng	96
14) 1,2-Dichlorobenzene	8.646	146	493260	44.80	ng	97
15) Benzyl Alcohol	8.516	79	434836	49.77	ng	# 88
16) 2,2'-oxybis(1-Chloropr...	8.811	45	707413	42.94	ng	81
17) 2-Methylphenol	8.740	107	390382	48.85	ng	# 93
18) Hexachloroethane	9.393	117	192757	47.06	ng	95
19) n-Nitroso-di-n-propyla...	9.081	70	353581	46.90	ng	# 75
20) 3+4-Methylphenols	9.069	107	520435	48.79	ng	93
22) Acetophenone	9.099	105	678547	44.73	ng	# 84
24) Nitrobenzene	9.487	77	530456	46.26	ng	# 81
25) Isophorone	10.010	82	938237	47.87	ng	# 90
26) 2-Nitrophenol	10.210	139	245847	54.90	ng	# 73
27) 2,4-Dimethylphenol	10.275	122	406374	54.41	ng	91
28) bis(2-Chloroethoxy)met...	10.481	93	569725	42.36	ng	98
29) 2,4-Dichlorophenol	10.763	162	431841	47.98	ng	94
30) 1,2,4-Trichlorobenzene	10.981	180	465780	42.48	ng	98
31) Naphthalene	11.163	128	1271726	41.93	ng	100
32) Benzoic acid	10.440	122	212889	41.88	ng	# 76
33) 4-Chloroaniline	11.252	127	203762	15.81	ng	# 89
34) Hexachlorobutadiene	11.475	225	272457	38.09	ng	99
35) Caprolactam	11.993	113	121015	43.48	ng	# 12
36) 4-Chloro-3-methylphenol	12.381	107	416358	42.85	ng	89
37) 2-Methylnaphthalene	12.746	142	863698	39.80	ng	98
38) 1-Methylnaphthalene	12.963	142	805119	38.89	ng	96
40) 1,2,4,5-Tetrachloroben...	13.128	216	473557	44.81	ng	99
41) Hexachlorocyclopentadiene	13.116	237	522702	98.05	ng	98
43) 2,4,6-Trichlorophenol	13.351	196	315010	48.22	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	331216	48.16	ng	# 96
46) 1,1'-Biphenyl	13.734	154	1079679	43.56	ng	98
47) 2-Chloronaphthalene	13.781	162	855523	42.07	ng	99
48) 2-Nitroaniline	13.963	65	273465	45.07	ng	# 61
49) Acenaphthylene	14.622	152	1315447	44.05	ng	100
50) Dimethylphthalate	14.334	163	1306571	52.35	ng	99
51) 2,6-Dinitrotoluene	14.446	165	236777	46.24	ng	# 75
52) Acenaphthene	14.963	154	933783	46.94	ng	95
53) 3-Nitroaniline	14.781	138	123468	21.78	ng	# 76
54) 2,4-Dinitrophenol	14.987	184	221985	78.11	ng	# 60
55) Dibenzofuran	15.293	168	1363427	46.13	ng	99
56) 4-Nitrophenol	15.110	139	392886	96.16	ng	# 63
57) 2,4-Dinitrotoluene	15.240	165	350457	50.97	ng	# 76
58) Fluorene	15.940	166	1131454	47.81	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.534	232	303781	48.99	ng	98
60) Diethylphthalate	15.687	149	1141319	46.70	ng	99
61) 4-Chlorophenyl-phenyle...	15.916	204	589527	45.58	ng	99
62) 4-Nitroaniline	15.940	138	245542	41.55	ng	87
63) Azobenzene	16.210	77	1123425	48.69	ng	83
65) 4,6-Dinitro-2-methylph...	16.016	198	189468	52.54	ng	85
66) n-Nitrosodiphenylamine	16.128	169	997972	49.32	ng	98
67) 4-Bromophenyl-phenylether	16.810	248	357824	46.26	ng	96
68) Hexachlorobenzene	16.975	284	394932	44.75	ng	96
69) Atrazine	17.063	200	300581	45.25	ng	100
70) Pentachlorophenol	17.304	266	398294	94.34	ng	100
71) Phenanthrene	17.675	178	1587721	42.80	ng	99
72) Anthracene	17.763	178	1626966	45.41	ng	99
73) Carbazole	18.016	167	1466320	44.11	ng	99
74) Di-n-butylphthalate	18.534	149	1744164	45.32	ng	# 99
75) Fluoranthene	19.610	202	1863285	43.53	ng	100
77) Benzidine	19.757	184	500871	34.54	ng	99
78) Pyrene	19.957	202	1890651	45.32	ng	99
80) Butylbenzylphthalate	20.775	149	767865	49.39	ng	# 84
81) Benzo(a)anthracene	21.651	228	1777779	43.85	ng	98
82) 3,3'-Dichlorobenzidine	21.563	252	388005	27.74	ng	100
83) Chrysene	21.704	228	1701667	43.68	ng	98
84) Bis(2-ethylhexyl)phtha...	21.528	149	1107597	48.33	ng	100
85) Di-n-octyl phthalate	22.463	149	1910726	50.05	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.715	276	2042408	43.72	ng	97
88) Benzo(b)fluoranthene	23.392	252	2004922	47.31	ng	100
89) Benzo(k)fluoranthene	23.439	252	1904572	45.51	ng	100
90) Benzo(a)pyrene	24.039	252	1717980	43.79	ng	99
91) Dibenzo(a,h)anthracene	26.710	278	1741295	44.71	ng	98
92) Benzo(g,h,i)perylene	27.498	276	1728608	45.86	ng	97

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

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