

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
 Data File : BP003822.D
 Acq On : 05 Nov 2020 15:51
 Operator : CG/JU
 Sample : L4625-12MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONTAINER-002-A-B-COMPMS

Manual Integrations
 APPROVED

mohammad
 11/6/2020 10:32:48 AM

Quant Time: Nov 05 16:35:44 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 05 14:31:45 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	169340	20.00	ng	0.00
21) Naphthalene-d8	11.128	136	641601	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	376917	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	728543	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	655840	20.00	ng	0.00
86) Perylene-d12	24.127	264	729552	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	1092491	107.67	ng	0.00
7) Phenol-d6	7.463	99	1375548	94.44	ng	0.00
23) Nitrobenzene-d5	9.463	82	908743m	69.37	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	482143	102.27	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	1733089	64.28	ng	0.00
79) Terphenyl-d14	20.127	244	1952273	57.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	172412	39.39	ng	# 64
3) Pyridine	3.946	79	498734	38.85	ng	# 62
4) n-Nitrosodimethylamine	3.846	42	252440	42.71	ng	# 57
6) Aniline	7.599	93	353674	21.38	ng	# 85
8) 2-Chlorophenol	7.869	128	510425	47.38	ng	83
9) Benzaldehyde	7.399	77	121755	15.27	ng	# 82
10) Phenol	7.493	94	663506	47.21	ng	84
11) bis(2-Chloroethyl)ether	7.687	93	507863	44.96	ng	# 81
12) 1,3-Dichlorobenzene	8.193	146	582155	44.10	ng	# 95
13) 1,4-Dichlorobenzene	8.334	146	586967	44.10	ng	97
14) 1,2-Dichlorobenzene	8.663	146	562880	44.28	ng	96
15) Benzyl Alcohol	8.534	79	461259	45.72	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.828	45	750632	39.45	ng	82
17) 2-Methylphenol	8.757	107	424094	45.96	ng	# 94
18) Hexachloroethane	9.416	117	214471	45.34	ng	98
19) n-Nitroso-di-n-propyla...	9.105	70	382017	43.88	ng	# 78
20) 3+4-Methylphenols	9.081	107	565800	45.93	ng	95
22) Acetophenone	9.116	105	746691	43.36	ng	# 87
24) Nitrobenzene	9.505	77	570618	43.83	ng	# 81
25) Isophorone	10.028	82	1013196	45.53	ng	# 91
26) 2-Nitrophenol	10.228	139	270989	53.31	ng	# 78
27) 2,4-Dimethylphenol	10.293	122	454568	53.61	ng	94
28) bis(2-Chloroethoxy)met...	10.504	93	631842	41.38	ng	97
29) 2,4-Dichlorophenol	10.781	162	478430	46.82	ng	95
30) 1,2,4-Trichlorobenzene	10.999	180	532113	42.74	ng	99
31) Naphthalene	11.181	128	1507538	43.79	ng	99
32) Benzoic acid	10.446	122	280349	47.25	ng	# 75
33) 4-Chloroaniline	11.269	127	239119	16.34	ng	# 90
34) Hexachlorobutadiene	11.493	225	343850	42.35	ng	99
35) Caprolactam	12.004	113	145784	46.14	ng	# 20
36) 4-Chloro-3-methylphenol	12.393	107	497972	45.15	ng	90
37) 2-Methylnaphthalene	12.763	142	1067252	43.32	ng	97
38) 1-Methylnaphthalene	12.981	142	985210	41.92	ng	99
40) 1,2,4,5-Tetrachloroben...	13.140	216	581385	46.61	ng	98
41) Hexachlorocyclopentadiene	13.134	237	689786	109.61	ng	100
43) 2,4,6-Trichlorophenol	13.363	196	376152	48.78	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	401685	49.47	ng	96
46) 1,1'-Biphenyl	13.745	154	1310260	44.78	ng	97
47) 2-Chloronaphthalene	13.793	162	1031995	42.99	ng	99
48) 2-Nitroaniline	13.975	65	319334	44.58	ng #	62
49) Acenaphthylene	14.634	152	1572396	44.60	ng	99
50) Dimethylphthalate	14.345	163	1454155	49.36	ng	100
51) 2,6-Dinitrotoluene	14.457	165	280951	46.48	ng #	78
52) Acenaphthene	14.975	154	1129043	48.08	ng	92
53) 3-Nitroaniline	14.787	138	175386	26.21	ng #	79
54) 2,4-Dinitrophenol	14.992	184	278345	81.44	ng #	29
55) Dibenzofuran	15.304	168	1520611	43.58	ng	100
56) 4-Nitrophenol	15.104	139	467960	97.03	ng #	66
57) 2,4-Dinitrotoluene	15.239	165	375962	46.32	ng #	75
58) Fluorene	15.951	166	1218185	43.60	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.534	232	344595	47.08	ng	97
60) Diethylphthalate	15.692	149	1228193	42.58	ng	99
61) 4-Chlorophenyl-phenyle...	15.928	204	641484	42.02	ng	98
62) 4-Nitroaniline	15.945	138	249999	35.84	ng	89
63) Azobenzene	16.222	77	1149137	42.19	ng	86
65) 4,6-Dinitro-2-methylph...	16.010	198	194019	49.27	ng #	79
66) n-Nitrosodiphenylamine	16.139	169	1052935	47.21	ng	98
67) 4-Bromophenyl-phenylether	16.816	248	386228	45.31	ng	98
68) Hexachlorobenzene	16.975	284	426968	43.90	ng	96
69) Atrazine	17.069	200	309939	42.33	ng	98
70) Pentachlorophenol	17.304	266	515079	110.70	ng	99
71) Phenanthrene	17.681	178	1974552	48.29	ng	100
72) Anthracene	17.769	178	1877242	47.54	ng	99
73) Carbazole	18.022	167	1632524	44.56	ng	98
74) Di-n-butylphthalate	18.539	149	1971877	46.49	ng	99
75) Fluoranthene	19.610	202	2733808	57.95	ng	100
77) Benzidine	19.751	184	545853	35.29	ng	99
78) Pyrene	19.957	202	2695439	60.56	ng	98
80) Butylbenzylphthalate	20.775	149	828138	49.94	ng #	85
81) Benzo(a)anthracene	21.645	228	2382532	55.09	ng	98
82) 3,3'-Dichlorobenzidine	21.557	252	460868	30.89	ng	100
83) Chrysene	21.698	228	2245747	54.04	ng	98
84) Bis(2-ethylhexyl)phtha...	21.522	149	1228320	50.25	ng	99
85) Di-n-octyl phthalate	22.451	149	2124899	52.18	ng #	87
87) Indeno(1,2,3-cd)pyrene	26.680	276	2529666	48.07	ng	97
88) Benzo(b)fluoranthene	23.380	252	2447689	51.27	ng	100
89) Benzo(k)fluoranthene	23.427	252	2132300	45.23	ng	99
90) Benzo(a)pyrene	24.021	252	2095596	47.42	ng	99
91) Dibenzo(a,h)anthracene	26.680	278	2053047	46.80	ng	97
92) Benzo(g,h,i)perylene	27.468	276	2157618	50.81	ng	96

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

