

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110920\
 Data File : BP003867.D
 Acq On : 09 Nov 2020 14:29
 Operator : CG/JU
 Sample : PB132882BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132882BS

Manual Integrations
 APPROVED

mohammad
 11/10/2020 12:00:24 PM

Quant Time: Nov 09 16:13:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 06 11:33:14 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.298	152	154775	20.00	ng	0.00
21) Naphthalene-d8	11.134	136	574376	20.00	ng	# 0.00
39) Acenaphthene-d10	14.922	164	344352	20.00	ng	0.00
64) Phenanthrene-d10	17.645	188	709966	20.00	ng	# 0.00
76) Chrysene-d12	21.674	240	689684	20.00	ng	0.00
86) Perylene-d12	24.151	264	685362	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	1246628	134.43	ng	0.00
7) Phenol-d6	7.469	99	1575951	118.38	ng	0.00
23) Nitrobenzene-d5	9.469	82	1043019m	88.93	ng	0.00
42) 2,4,6-Tribromophenol	16.398	330	613295	142.40	ng	0.00
45) 2-Fluorobiphenyl	13.545	172	2164089	87.86	ng	0.00
79) Terphenyl-d14	20.139	244	2983288	83.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.510	88	142822	35.70	ng	# 62
3) Pyridine	3.946	79	429403	36.59	ng	# 64
4) n-Nitrosodimethylamine	3.846	42	233890	43.29	ng	# 55
6) Aniline	7.604	93	379121	25.08	ng	# 86
8) 2-Chlorophenol	7.869	128	475108	48.25	ng	# 81
9) Benzaldehyde	7.398	77	109444	14.96	ng	# 80
10) Phenol	7.498	94	592943	46.16	ng	84
11) bis(2-Chloroethyl)ether	7.693	93	475421	46.05	ng	# 82
12) 1,3-Dichlorobenzene	8.198	146	536587	44.47	ng	# 95
13) 1,4-Dichlorobenzene	8.340	146	542507	44.60	ng	96
14) 1,2-Dichlorobenzene	8.669	146	517963	44.58	ng	96
15) Benzyl Alcohol	8.534	79	435117	47.19	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.834	45	711754	40.93	ng	82
17) 2-Methylphenol	8.757	107	392776	46.57	ng	# 94
18) Hexachloroethane	9.416	117	200207	46.31	ng	99
19) n-Nitroso-di-n-propyla...	9.104	70	358418	45.05	ng	# 75
20) 3+4-Methylphenols	9.087	107	526158	46.73	ng	95
22) Acetophenone	9.122	105	700529	45.44	ng	# 86
24) Nitrobenzene	9.510	77	537036	46.08	ng	# 82
25) Isophorone	10.034	82	960065	48.19	ng	# 91
26) 2-Nitrophenol	10.234	139	253524	55.71	ng	# 77
27) 2,4-Dimethylphenol	10.298	122	422701	55.68	ng	93
28) bis(2-Chloroethoxy)met...	10.504	93	587373	42.97	ng	98
29) 2,4-Dichlorophenol	10.787	162	448183	49.00	ng	96
30) 1,2,4-Trichlorobenzene	11.004	180	501919	45.04	ng	98
31) Naphthalene	11.187	128	1398803	45.38	ng	100
32) Benzoic acid	10.451	122	188931	37.62	ng	# 74
33) 4-Chloroaniline	11.275	127	241289	18.42	ng	# 89
34) Hexachlorobutadiene	11.498	225	326758	44.95	ng	98
35) Caprolactam	12.010	113	136192	48.15	ng	# 19
36) 4-Chloro-3-methylphenol	12.398	107	473042	47.90	ng	88
37) 2-Methylnaphthalene	12.769	142	1007101	45.66	ng	96
38) 1-Methylnaphthalene	12.986	142	929428	44.18	ng	97
40) 1,2,4,5-Tetrachloroben...	13.145	216	546252	47.93	ng	99
41) Hexachlorocyclopentadiene	13.139	237	724655	126.04	ng	99
43) 2,4,6-Trichlorophenol	13.369	196	345409	49.03	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.451	196	372493	50.22	ng	# 94
46) 1,1'-Biphenyl	13.751	154	1251060	46.80	ng	98
47) 2-Chloronaphthalene	13.804	162	987850	45.04	ng	99
48) 2-Nitroaniline	13.980	65	310976	47.52	ng	# 59
49) Acenaphthylene	14.639	152	1513741	47.00	ng	99
50) Dimethylphthalate	14.351	163	1226393	45.56	ng	99
51) 2,6-Dinitrotoluene	14.463	165	273975	49.61	ng	# 74
52) Acenaphthene	14.986	154	1084837	50.57	ng	92
53) 3-Nitroaniline	14.792	138	151573	24.79	ng	# 74
54) 2,4-Dinitrophenol	15.004	184	263954	83.56	ng	# 61
55) Dibenzofuran	15.310	168	1464299	45.94	ng	99
56) 4-Nitrophenol	15.116	139	431926	98.03	ng	# 64
57) 2,4-Dinitrotoluene	15.251	165	373254	50.34	ng	# 74
58) Fluorene	15.957	166	1184370	46.40	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	326708	48.86	ng	96
60) Diethylphthalate	15.704	149	1217748	46.21	ng	98
61) 4-Chlorophenyl-phenyle...	15.933	204	634010	45.45	ng	99
62) 4-Nitroaniline	15.951	138	263566	41.35	ng	86
63) Azobenzene	16.227	77	1136322	45.66	ng	85
65) 4,6-Dinitro-2-methylph...	16.027	198	203491	52.54	ng	86
66) n-Nitrosodiphenylamine	16.145	169	1055031	48.54	ng	98
67) 4-Bromophenyl-phenylether	16.827	248	392741	47.28	ng	99
68) Hexachlorobenzene	16.986	284	436250	46.03	ng	97
69) Atrazine	17.074	200	326337	45.74	ng	97
70) Pentachlorophenol	17.316	266	469943	103.65	ng	100
71) Phenanthrene	17.692	178	1841956	46.23	ng	99
72) Anthracene	17.780	178	1888426	49.07	ng	99
73) Carbazole	18.027	167	1688094	47.28	ng	98
74) Di-n-butylphthalate	18.545	149	2062500	49.90	ng	99
75) Fluoranthene	19.621	202	2175202	47.31	ng	99
77) Benzidine	19.763	184	521033	32.03	ng	99
78) Pyrene	19.968	202	2231796	47.69	ng	99
80) Butylbenzylphthalate	20.786	149	926546	53.13	ng	# 84
81) Benzo(a)anthracene	21.657	228	2149056	47.25	ng	98
82) 3,3'-Dichlorobenzidine	21.568	252	428475	27.31	ng	99
83) Chrysene	21.715	228	2057023	47.07	ng	98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1370633	53.32	ng	100
85) Di-n-octyl phthalate	22.468	149	2359938	55.11	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.721	276	2229874	45.10	ng	98
88) Benzo(b)fluoranthene	23.404	252	2233565	49.80	ng	99
89) Benzo(k)fluoranthene	23.451	252	1998864	45.14	ng	98
90) Benzo(a)pyrene	24.045	252	1907642	45.95	ng	99
91) Dibenzo(a,h)anthracene	26.715	278	1899919	46.10	ng	98
92) Benzo(g,h,i)perylene	27.503	276	1839160	46.10	ng	97

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

