

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
 Data File : BP004095.D
 Acq On : 25 Nov 2020 13:40
 Operator : CG/JU
 Sample : PB133245BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB133245BS

Manual Integrations
 APPROVED

mohammad
 11/27/2020 11:45:03 AM

Quant Time: Nov 25 14:12:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.269	152	132438	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	501628	20.00	ng	# 0.00
39) Acenaphthene-d10	14.892	164	301052	20.00	ng	0.00
64) Phenanthrene-d10	17.628	188	611137	20.00	ng	# 0.00
76) Chrysene-d12	21.663	240	533674	20.00	ng	0.00
86) Perylene-d12	24.139	264	561634	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	977805	123.22	ng	0.00
7) Phenol-d6	7.457	99	1250534	109.78	ng	0.00
23) Nitrobenzene-d5	9.434	82	781862	76.34	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	455902	121.08	ng	0.00
45) 2-Fluorobiphenyl	13.516	172	1716188	79.70	ng	0.00
79) Terphenyl-d14	20.122	244	2251454	81.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.487	88	111125	32.46	ng	# 61
3) Pyridine	3.922	79	339265	33.79	ng	# 59
4) n-Nitrosodimethylamine	3.822	42	188864	40.86	ng	# 53
6) Aniline	7.575	93	368107	28.46	ng	# 82
8) 2-Chlorophenol	7.846	128	380886	45.21	ng	# 81
9) Benzaldehyde	7.375	77	45808	5.98	ng	# 81
10) Phenol	7.481	94	484153	44.05	ng	83
11) bis(2-Chloroethyl)ether	7.657	93	368441	41.70	ng	# 79
12) 1,3-Dichlorobenzene	8.163	146	424989	41.16	ng	# 94
13) 1,4-Dichlorobenzene	8.305	146	431297	41.43	ng	96
14) 1,2-Dichlorobenzene	8.634	146	412932	41.53	ng	96
15) Benzyl Alcohol	8.510	79	353481	44.80	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.793	45	571382	38.40	ng	83
17) 2-Methylphenol	8.746	107	322003	44.62	ng	94
18) Hexachloroethane	9.375	117	156660	42.35	ng	98
19) n-Nitroso-di-n-propyla...	9.075	70	288922	42.44	ng	# 76
20) 3+4-Methylphenols	9.069	107	430540	44.69	ng	# 88
22) Acetophenone	9.093	105	564649	41.94	ng	# 84
24) Nitrobenzene	9.475	77	436362	42.87	ng	# 80
25) Isophorone	9.999	82	780863	44.88	ng	# 90
26) 2-Nitrophenol	10.204	139	207481	52.20	ng	# 75
27) 2,4-Dimethylphenol	10.275	122	345665	52.14	ng	92
28) bis(2-Chloroethoxy)met...	10.469	93	474796	39.77	ng	99
29) 2,4-Dichlorophenol	10.763	162	365300	45.73	ng	95
30) 1,2,4-Trichlorobenzene	10.969	180	399661	41.06	ng	99
31) Naphthalene	11.151	128	1134966	42.16	ng	100
32) Benzoic acid	10.463	122	105904	27.12	ng	# 81
33) 4-Chloroaniline	11.246	127	278523	24.35	ng	# 90
34) Hexachlorobutadiene	11.457	225	256760	40.45	ng	99
35) Caprolactam	11.993	113	118083	47.80	ng	# 18
36) 4-Chloro-3-methylphenol	12.387	107	394240	45.71	ng	91
37) 2-Methylnaphthalene	12.740	142	810302	42.07	ng	98
38) 1-Methylnaphthalene	12.957	142	754339	41.05	ng	98
40) 1,2,4,5-Tetrachloroben...	13.116	216	441871	44.35	ng	99
41) Hexachlorocyclopentadiene	13.104	237	377184	75.04	ng	99
43) 2,4,6-Trichlorophenol	13.351	196	278572	45.23	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	299013	46.11	ng	97
46) 1,1'-Biphenyl	13.722	154	1023465	43.80	ng	98
47) 2-Chloronaphthalene	13.775	162	807105	42.09	ng	98
48) 2-Nitroaniline	13.963	65	263565	46.07	ng	# 60
49) Acenaphthylene	14.616	152	1251955	44.46	ng	100
50) Dimethylphthalate	14.322	163	1022720	43.46	ng	100
51) 2,6-Dinitrotoluene	14.445	165	229075	47.44	ng	# 77
52) Acenaphthene	14.957	154	861844m	45.95	ng	
53) 3-Nitroaniline	14.775	138	154327	28.88	ng	# 74
54) 2,4-Dinitrophenol	14.998	184	177377	69.56	ng	# 84
55) Dibenzofuran	15.286	168	1220343	43.79	ng	100
56) 4-Nitrophenol	15.128	139	303580	78.81	ng	# 66
57) 2,4-Dinitrotoluene	15.239	165	317500	48.98	ng	# 77
58) Fluorene	15.934	166	989808	44.36	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.534	232	242338	41.45	ng	98
60) Diethylphthalate	15.675	149	1011746	43.91	ng	99
61) 4-Chlorophenyl-phenyle...	15.910	204	524239	42.99	ng	97
62) 4-Nitroaniline	15.939	138	230073	41.29	ng	87
63) Azobenzene	16.204	77	943659	43.38	ng	86
65) 4,6-Dinitro-2-methylph...	16.022	198	156584	47.64	ng	85
66) n-Nitrosodiphenylamine	16.122	169	876650	46.86	ng	98
67) 4-Bromophenyl-phenylether	16.798	248	324087	45.32	ng	97
68) Hexachlorobenzene	16.969	284	354974	43.51	ng	97
69) Atrazine	17.051	200	268339	43.69	ng	100
70) Pentachlorophenol	17.310	266	267599	68.56	ng	98
71) Phenanthrene	17.669	178	1529403	44.59	ng	99
72) Anthracene	17.757	178	1574344	47.53	ng	99
73) Carbazole	18.016	167	1409044	45.85	ng	98
74) Di-n-butylphthalate	18.522	149	1697913	47.72	ng	# 99
75) Fluoranthene	19.604	202	1774059	44.83	ng	99
77) Benzidine	19.751	184	639241	50.78	ng	100
78) Pyrene	19.957	202	1795170	49.57	ng	98
80) Butylbenzylphthalate	20.769	149	724470	53.69	ng	# 86
81) Benzo(a)anthracene	21.645	228	1613772	45.85	ng	98
82) 3,3'-Dichlorobenzidine	21.557	252	371120	30.57	ng	99
83) Chrysene	21.704	228	1548589	45.80	ng	98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1040596	52.31	ng	99
85) Di-n-octyl phthalate	22.445	149	1793680	54.13	ng	# 87
87) Indeno(1,2,3-cd)pyrene	26.709	276	1813631	44.76	ng	98
88) Benzo(b)fluoranthene	23.386	252	1644138	44.73	ng	99
89) Benzo(k)fluoranthene	23.433	252	1554026	42.82	ng	99
90) Benzo(a)pyrene	24.033	252	1462038	42.97	ng	99
91) Dibenzo(a,h)anthracene	26.704	278	1536527	45.50	ng	97
92) Benzo(g,h,i)perylene	27.498	276	1527054	46.71	ng	97

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

