

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050621\
 Data File : BP005452.D
 Acq On : 06 May 2021 16:16
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 06 16:48:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 19:00:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	12513	20.00	ng	0.00
21) Naphthalene-d8	10.505	136	37881	20.00	ng	# 0.00
39) Acenaphthene-d10	14.363	164	32429	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	87352	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	128718	20.00	ng	# 0.00
86) Perylene-d12	23.539	264	148884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	50352	77.22	ng	0.00
7) Phenol-d6	6.905	99	60955	74.97	ng	0.00
23) Nitrobenzene-d5	8.881	82	76956	79.96	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	69692	75.73	ng	0.00
45) 2-Fluorobiphenyl	12.981	172	213960	74.43	ng	0.00
79) Terphenyl-d14	19.692	244	567411	74.86	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.199	88	11603	46.32	ng	# 93
3) Pyridine	3.611	79	27976	48.46	ng	# 80
4) n-Nitrosodimethylamine	3.523	42	19350	41.68	ng	# 5
6) Aniline	7.046	93	32400	36.92	ng	# 78
8) 2-Chlorophenol	7.281	128	27349	39.05	ng	90
9) Benzaldehyde	6.864	77	16233	39.05	ng	# 76
10) Phenol	6.928	94	30992	38.11	ng	# 43
11) bis(2-Chloroethyl)ether	7.146	93	21043	37.47	ng	92
12) 1,3-Dichlorobenzene	7.599	146	33692	36.16	ng	# 87
13) 1,4-Dichlorobenzene	7.746	146	35272	37.98	ng	97
14) 1,2-Dichlorobenzene	8.064	146	33033	37.11	ng	97
15) Benzyl Alcohol	7.969	79	29163	37.18	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.240	45	9691	34.95	ng	68
17) 2-Methylphenol	8.169	107	20800	37.24	ng	# 81
18) Hexachloroethane	8.781	117	14197	36.91	ng	# 82
19) n-Nitroso-di-n-propyla...	8.528	70	23009	38.65	ng	94
20) 3+4-Methylphenols	8.505	107	27834	37.49	ng	89
22) Acetophenone	8.546	105	41510	38.84	ng	# 87
24) Nitrobenzene	8.922	77	39514	40.93	ng	93
25) Isophorone	9.452	82	58266	39.09	ng	97
26) 2-Nitrophenol	9.628	139	15052	37.23	ng	# 77
27) 2,4-Dimethylphenol	9.705	122	20519	38.35	ng	# 82
28) bis(2-Chloroethoxy)met...	9.934	93	24689	39.57	ng	95
29) 2,4-Dichlorophenol	10.169	162	32697	38.91	ng	94
30) 1,2,4-Trichlorobenzene	10.369	180	41923	39.06	ng	97
31) Naphthalene	10.557	128	79310	38.93	ng	97
32) Benzoic acid	9.881	122	16767	40.56	ng	# 68
33) 4-Chloroaniline	10.687	127	31176	39.30	ng	95
34) Hexachlorobutadiene	10.834	225	36938	41.26	ng	97
35) Caprolactam	11.487	113	7627	39.45	ng	89
36) 4-Chloro-3-methylphenol	11.828	107	29714	39.67	ng	97
37) 2-Methylnaphthalene	12.175	142	66126	40.47	ng	92
38) 1-Methylnaphthalene	12.399	142	61659	39.97	ng	99
40) 1,2,4,5-Tetrachloroben...	12.546	216	55684	37.37	ng	99
41) Hexachlorocyclopentadiene	12.516	237	20889	37.94	ng	96
43) 2,4,6-Trichlorophenol	12.799	196	35265	37.88	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	37953	37.78	ng	91
46) 1,1'-Biphenyl	13.199	154	93381	37.40	ng	95
47) 2-Chloronaphthalene	13.234	162	77209	37.14	ng	98
48) 2-Nitroaniline	13.457	65	22660	38.37	ng	93
49) Acenaphthylene	14.087	152	113911	38.03	ng	99
50) Dimethylphthalate	13.834	163	106800	38.15	ng	99
51) 2,6-Dinitrotoluene	13.957	165	23916	38.05	ng	85
52) Acenaphthene	14.428	154	69826	37.47	ng	93
53) 3-Nitroaniline	14.293	138	16791	37.28	ng	80
54) 2,4-Dinitrophenol	14.510	184	15664	41.31	ng	88
55) Dibenzofuran	14.763	168	133002	37.94	ng	96
56) 4-Nitrophenol	14.622	139	13935	40.99	ng	# 78
57) 2,4-Dinitrotoluene	14.751	165	35293	38.08	ng	88
58) Fluorene	15.416	166	109684	38.33	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	39834	39.66	ng	98
60) Diethylphthalate	15.198	149	103844	38.30	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	71152	39.73	ng	99
62) 4-Nitroaniline	15.457	138	17730	40.98	ng	# 80
63) Azobenzene	15.704	77	112318	40.19	ng	87
65) 4,6-Dinitro-2-methylph...	15.516	198	27272	39.40	ng	92
66) n-Nitrosodiphenylamine	15.634	169	94946	37.24	ng	92
67) 4-Bromophenyl-phenylether	16.310	248	50725	37.20	ng	98
68) Hexachlorobenzene	16.422	284	64417	37.25	ng	100
69) Atrazine	16.598	200	44325	37.22	ng	97
70) Pentachlorophenol	16.775	266	34333	37.42	ng	96
71) Phenanthrene	17.163	178	188082	37.89	ng	98
72) Anthracene	17.251	178	185199	37.60	ng	98
73) Carbazole	17.534	167	165569	38.17	ng	98
74) Di-n-butylphthalate	18.087	149	177483	37.27	ng	97
75) Fluoranthene	19.139	202	258446	37.86	ng	96
77) Benzidine	19.328	184	78397	39.35	ng	97
78) Pyrene	19.492	202	268858	36.89	ng	99
80) Butylbenzylphthalate	20.369	149	87350	37.10	ng	94
81) Benzo(a)anthracene	21.198	228	320501	38.43	ng	99
82) 3,3'-Dichlorobenzidine	21.139	252	123432	39.28	ng	97
83) Chrysene	21.251	228	311924	38.58	ng	97
84) Bis(2-ethylhexyl)phtha...	21.128	149	133325	37.03	ng	# 97
85) Di-n-octyl phthalate	22.022	149	229119	37.89	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.957	276	473244	37.78	ng	# 96
88) Benzo(b)fluoranthene	22.833	252	383002	38.60	ng	# 98
89) Benzo(k)fluoranthene	22.880	252	363256	37.44	ng	# 99
90) Benzo(a)pyrene	23.439	252	349354	38.42	ng	# 99
91) Dibenzo(a,h)anthracene	25.968	278	415871	37.63	ng	# 98
92) Benzo(g,h,i)perylene	26.698	276	390806	38.22	ng	# 96

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

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