

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121120\
 Data File : BP004225.D
 Acq On : 11 Dec 2020 12:17
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC050

Quant Time: Dec 11 13:32:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 12:39:37 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	385003	20.00	ng	0.00
21) Naphthalene-d8	10.628	136	1419798	20.00	ng	# 0.00
39) Acenaphthene-d10	14.475	164	837972	20.00	ng	0.00
64) Phenanthrene-d10	17.234	188	1787831	20.00	ng	# 0.00
76) Chrysene-d12	21.322	240	1845806	20.00	ng	0.00
86) Perylene-d12	23.669	264	1961325	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2417782	104.81	ng	0.00
7) Phenol-d6	6.993	99	3374001	101.89	ng	0.00
23) Nitrobenzene-d5	8.987	82	3029544	104.50	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	1166323	111.28	ng	0.00
45) 2-Fluorobiphenyl	13.099	172	6469223	107.93	ng	0.00
79) Terphenyl-d14	19.798	244	9583653	100.31	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	547464	55.01	ng	# 86
3) Pyridine	3.746	79	1514932	51.90	ng	90
4) n-Nitrosodimethylamine	3.664	42	498039	37.06	ng	# 83
6) Aniline	7.158	93	1952443	51.93	ng	91
8) 2-Chlorophenol	7.393	128	1272902	51.97	ng	85
9) Benzaldehyde	6.969	77	846165	50.36	ng	82
10) Phenol	7.022	94	1649389	51.62	ng	94
11) bis(2-Chloroethyl)ether	7.258	93	1329039	51.75	ng	88
12) 1,3-Dichlorobenzene	7.722	146	1584335	52.78	ng	# 96
13) 1,4-Dichlorobenzene	7.869	146	1605639	53.06	ng	98
14) 1,2-Dichlorobenzene	8.181	146	1500521	51.91	ng	97
15) Benzyl Alcohol	8.064	79	1094030	47.70	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.364	45	1678675	38.81	ng	90
17) 2-Methylphenol	8.269	107	1074481	51.21	ng	97
18) Hexachloroethane	8.911	117	578898	53.83	ng	95
19) n-Nitroso-di-n-propyla...	8.640	70	984668	49.75	ng	# 87
20) 3+4-Methylphenols	8.593	107	1457793	52.05	ng	98
22) Acetophenone	8.652	105	1930138	50.65	ng	# 92
24) Nitrobenzene	9.028	77	1490998	51.75	ng	# 84
25) Isophorone	9.552	82	2587229	52.54	ng	# 91
26) 2-Nitrophenol	9.740	139	608601	54.10	ng	# 87
27) 2,4-Dimethylphenol	9.799	122	981037	52.28	ng	95
28) bis(2-Chloroethoxy)met...	10.040	93	1774363	52.51	ng	98
29) 2,4-Dichlorophenol	10.269	162	1186397	52.47	ng	96
30) 1,2,4-Trichlorobenzene	10.487	180	1459335	52.97	ng	99
31) Naphthalene	10.675	128	4032065	52.92	ng	100
32) Benzoic acid	9.928	122	591267	51.74	ng	# 84
33) 4-Chloroaniline	10.781	127	1701243	52.54	ng	# 93
34) Hexachlorobutadiene	10.969	225	927236	51.61	ng	99
35) Caprolactam	11.552	113	385925	55.20	ng	# 49
36) 4-Chloro-3-methylphenol	11.904	107	1183803	48.50	ng	94
37) 2-Methylnaphthalene	12.287	142	2822803	51.77	ng	99
38) 1-Methylnaphthalene	12.510	142	2674609	51.43	ng	99
40) 1,2,4,5-Tetrachloroben...	12.657	216	1533615	55.30	ng	99
41) Hexachlorocyclopentadiene	12.646	237	802262	57.34	ng	100
43) 2,4,6-Trichlorophenol	12.899	196	944805	55.11	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	1004387	55.64	ng	97
46) 1,1'-Biphenyl	13.304	154	3525744	54.20	ng	97
47) 2-Chloronaphthalene	13.346	162	2893876	54.22	ng	99
48) 2-Nitroaniline	13.546	65	825315	51.82	ng #	69
49) Acenaphthylene	14.193	152	4335494	55.32	ng	99
50) Dimethylphthalate	13.934	163	3498822	53.42	ng	99
51) 2,6-Dinitrotoluene	14.046	165	759493	56.51	ng #	81
52) Acenaphthene	14.540	154	2673840	51.22	ng	99
53) 3-Nitroaniline	14.375	138	855554	57.51	ng #	80
54) 2,4-Dinitrophenol	14.581	184	321041	55.53	ng #	89
55) Dibenzofuran	14.875	168	4175966	53.84	ng	99
56) 4-Nitrophenol	14.675	139	632008	58.94	ng #	77
57) 2,4-Dinitrotoluene	14.834	165	1047170	58.03	ng #	80
58) Fluorene	15.528	166	3307717	53.25	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	918649	56.45	ng	97
60) Diethylphthalate	15.310	149	3426432	53.43	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	1795855	52.91	ng	94
62) 4-Nitroaniline	15.545	138	894767	57.69	ng	90
63) Azobenzene	15.822	77	3200495	52.85	ng	91
65) 4,6-Dinitro-2-methylph...	15.604	198	441929	50.50	ng	93
66) n-Nitrosodiphenylamine	15.740	169	2893145	52.86	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	1142259	54.61	ng	99
68) Hexachlorobenzene	16.534	284	1323983	55.47	ng	96
69) Atrazine	16.698	200	986748	54.92	ng	99
70) Pentachlorophenol	16.875	266	680457	59.60	ng	99
71) Phenanthrene	17.275	178	5344022	53.26	ng	99
72) Anthracene	17.369	178	5167351	53.32	ng	99
73) Carbazole	17.634	167	4823378	53.65	ng	100
74) Di-n-butylphthalate	18.198	149	5591197	53.72	ng #	98
75) Fluoranthene	19.245	202	6287113	54.30	ng	97
77) Benzidine	19.428	184	2012140	46.22	ng	97
78) Pyrene	19.598	202	6462912	51.60	ng	98
80) Butylbenzylphthalate	20.480	149	2380971	51.01	ng #	86
81) Benzo(a)anthracene	21.304	228	6401573	52.59	ng	98
82) 3,3'-Dichlorobenzidine	21.239	252	2075590	49.43	ng	99
83) Chrysene	21.363	228	6084697	52.03	ng	98
84) Bis(2-ethylhexyl)phtha...	21.245	149	3617787	52.59	ng	99
85) Di-n-octyl phthalate	22.157	149	5874959	51.26	ng #	91
87) Indeno(1,2,3-cd)pyrene	26.092	276	7868752	55.61	ng	100
88) Benzo(b)fluoranthene	22.963	252	6790012	52.90	ng	99
89) Benzo(k)fluoranthene	23.010	252	6413164	50.60	ng	99
90) Benzo(a)pyrene	23.569	252	6186003	52.06	ng	99
91) Dibenzo(a,h)anthracene	26.110	278	6407610	54.33	ng	99
92) Benzo(g,h,i)perylene	26.833	276	6264170	54.87	ng	99

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

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