

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091720\
 Data File : BM027450.D
 Acq On : 17 Sep 2020 16:52
 Operator : JU/CG
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Quant Time: Sep 17 18:31:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM091720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 17 18:05:43 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	117157	20.00	ng	0.00
21) Naphthalene-d8	10.269	136	424895	20.00	ng	0.00
39) Acenaphthene-d10	14.151	164	305611	20.00	ng	0.00
64) Phenanthrene-d10	16.898	188	726120	20.00	ng	0.00
76) Chrysene-d12	21.104	240	839687	20.00	ng	0.00
86) Perylene-d12	23.245	264	845750	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.122	112	262510	37.30	ng	0.00
7) Phenol-d6	6.693	99	350287	36.89	ng	0.00
23) Nitrobenzene-d5	8.646	82	395687	39.78	ng	0.00
42) 2,4,6-Tribromophenol	15.645	330	199342	37.20	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	871330	37.92	ng	0.00
79) Terphenyl-d14	19.545	244	1779879	36.89	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.087	88	68663	22.88	ng	99
3) Pyridine	3.475	79	189649	21.76	ng	96
4) n-Nitrosodimethylamine	3.387	42	65048	18.91	ng	# 96
6) Aniline	6.840	93	202605	17.55	ng	99
8) 2-Chlorophenol	7.075	128	136451	19.05	ng	98
9) Benzaldehyde	6.652	77	125514	16.80	ng	97
10) Phenol	6.716	94	168755	18.49	ng	98
11) bis(2-Chloroethyl)ether	6.940	93	146973	19.14	ng	98
12) 1,3-Dichlorobenzene	7.393	146	180171	20.21	ng	99
13) 1,4-Dichlorobenzene	7.534	146	179076	19.97	ng	99
14) 1,2-Dichlorobenzene	7.852	146	173478	20.14	ng	97
15) Benzyl Alcohol	7.746	79	143119	17.54	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.040	45	116350	20.01	ng	97
17) 2-Methylphenol	7.952	107	113406	18.30	ng	98
18) Hexachloroethane	8.569	117	72355	20.14	ng	95
19) n-Nitroso-di-n-propyla...	8.310	70	137793	18.22	ng	99
20) 3+4-Methylphenols	8.281	107	149413	17.67	ng	98
22) Acetophenone	8.316	105	229222	19.16	ng	97
24) Nitrobenzene	8.687	77	201736	19.48	ng	99
25) Isophorone	9.216	82	316512	18.09	ng	98
26) 2-Nitrophenol	9.393	139	70097	18.24	ng	97
27) 2,4-Dimethylphenol	9.469	122	102441	15.61	ng	97
28) bis(2-Chloroethoxy)met...	9.699	93	199585	19.88	ng	98
29) 2,4-Dichlorophenol	9.928	162	140687	18.62	ng	97
30) 1,2,4-Trichlorobenzene	10.140	180	182607	20.24	ng	99
31) Naphthalene	10.316	128	434718	19.10	ng	99
32) Benzoic acid	9.587	122	52880	12.53	ng	99
33) 4-Chloroaniline	10.434	127	172624	17.86	ng	99
34) Hexachlorobutadiene	10.616	225	130769	21.45	ng	98
35) Caprolactam	11.198	113	36989	16.63	ng	96
36) 4-Chloro-3-methylphenol	11.575	107	145210	17.88	ng	99
37) 2-Methylnaphthalene	11.940	142	331149	18.57	ng	98
38) 1-Methylnaphthalene	12.163	142	312950	18.69	ng	99
40) 1,2,4,5-Tetrachloroben...	12.322	216	209260	19.02	ng	99
41) Hexachlorocyclopentadiene	12.310	237	109641	15.14	ng	98
43) 2,4,6-Trichlorophenol	12.569	196	130012	19.27	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.640	196	133906	18.26	ng	96
46) 1,1'-Biphenyl	12.975	154	454761	18.80	ng	100
47) 2-Chloronaphthalene	13.010	162	381882	19.91	ng	98
48) 2-Nitroaniline	13.222	65	116753	19.91	ng	97
49) Acenaphthylene	13.869	152	554334	19.08	ng	99
50) Dimethylphthalate	13.622	163	497508	19.81	ng	99
51) 2,6-Dinitrotoluene	13.728	165	101020	18.88	ng	93
52) Acenaphthene	14.216	154	346951	19.25	ng	98
53) 3-Nitroaniline	14.057	138	92139	19.16	ng	93
54) 2,4-Dinitrophenol	14.269	184	47274	15.53	ng	96
55) Dibenzofuran	14.551	168	586381	19.23	ng	99
56) 4-Nitrophenol	14.381	139	66511	15.71	ng	97
57) 2,4-Dinitrotoluene	14.522	165	141188	19.04	ng	97
58) Fluorene	15.204	166	481843	18.83	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.786	232	140895	19.88	ng	99
60) Diethylphthalate	14.998	149	511204	19.79	ng	99
61) 4-Chlorophenyl-phenyle...	15.204	204	276582	19.67	ng	99
62) 4-Nitroaniline	15.222	138	96215	19.07	ng	89
63) Azobenzene	15.498	77	521008	19.50	ng	97
65) 4,6-Dinitro-2-methylph...	15.292	198	69392	14.89	ng	95
66) n-Nitrosodiphenylamine	15.422	169	414418	18.45	ng	99
67) 4-Bromophenyl-phenylether	16.098	248	177846	19.84	ng	97
68) Hexachlorobenzene	16.216	284	211230	20.18	ng	98
69) Atrazine	16.380	200	160655	24.45	ng	97
70) Pentachlorophenol	16.557	266	105079	16.60	ng	98
71) Phenanthrene	16.939	178	816421	19.34	ng	100
72) Anthracene	17.027	178	778578	18.27	ng	100
73) Carbazole	17.304	167	691519	18.59	ng	100
74) Di-n-butylphthalate	17.886	149	894587	19.99	ng	99
75) Fluoranthene	18.963	202	990752	19.34	ng	99
77) Benzidine	19.163	184	276444	11.73	ng	98
78) Pyrene	19.327	202	1034946	18.07	ng	99
80) Butylbenzylphthalate	20.257	149	418572	19.53	ng	95
81) Benzo(a)anthracene	21.092	228	1074796	19.17	ng	100
82) 3,3'-Dichlorobenzidine	21.027	252	358127	16.88	ng	99
83) Chrysene	21.139	228	1064134	19.53	ng	100
84) Bis(2-ethylhexyl)phtha...	21.051	149	650895	20.93	ng	98
85) Di-n-octyl phthalate	21.904	149	1062198	20.52	ng	100
87) Indeno(1,2,3-cd)pyrene	25.368	276	1230238	21.45	ng	100
88) Benzo(b)fluoranthene	22.615	252	1100805	18.71	ng	99
89) Benzo(k)fluoranthene	22.657	252	1112532	19.56	ng	100
90) Benzo(a)pyrene	23.156	252	1004486	20.19	ng	99
91) Dibenzo(a,h)anthracene	25.380	278	1025445	21.17	ng	100
92) Benzo(g,h,i)perylene	26.009	276	980264	21.00	ng	99

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

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