

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
 Data File : BM031788.D
 Acq On : 17 Aug 2021 19:11
 Operator : CG/JU
 Sample : M3424-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 18NMSD

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:24:41 PM

Quant Time: Aug 18 02:24:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 16:42:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	42093	20.000	ng	# 0.00
21) Naphthalene-d8	10.310	136	196014	20.000	ng	# 0.00
39) Acenaphthene-d10	14.186	164	142304	20.000	ng	0.00
64) Phenanthrene-d10	16.939	188	316462	20.000	ng	0.00
76) Chrysene-d12	21.139	240	296568	20.000	ng	0.00
86) Perylene-d12	23.286	264	234907	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	380352	145.027	ng	0.00
7) Phenol-d6	6.751	99	447036	117.633	ng	0.00
23) Nitrobenzene-d5	8.704	82	383950	82.017	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	246558	140.676	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	881542	82.453	ng	0.00
79) Terphenyl-d14	19.586	244	1729033	98.230	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	41336	37.699	ng	# 21
3) Pyridine	3.587	79	83151	27.441	ng	# 87
4) n-Nitrosodimethylamine	3.493	42	77730	43.957	ng	85
6) Aniline	6.898	93	125926	30.305	ng	98
8) 2-Chlorophenol	7.122	128	143168	46.620	ng	96
9) Benzaldehyde	6.716	77	79524	29.483	ng	95
10) Phenol	6.775	94	158377	41.951	ng	90
11) bis(2-Chloroethyl)ether	6.998	93	126783	44.706	ng	94
12) 1,3-Dichlorobenzene	7.440	146	133086	40.515	ng	# 95
13) 1,4-Dichlorobenzene	7.581	146	138357	40.879	ng	95
14) 1,2-Dichlorobenzene	7.892	146	136413	41.032	ng	96
15) Benzyl Alcohol	7.798	79	150462	45.977	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.081	45	167993	41.457	ng	97
17) 2-Methylphenol	7.998	107	125294	46.933	ng	96
18) Hexachloroethane	8.598	117	57223	40.788	ng	90
19) n-Nitroso-di-n-propyla...	8.357	70	123042	41.003	ng	93
20) 3+4-Methylphenols	8.328	107	170309	45.385	ng	95
22) Acetophenone	8.369	105	241448	43.380	ng	# 91
24) Nitrobenzene	8.745	77	194714	40.640	ng	95
25) Isophorone	9.263	82	332063	39.547	ng	96
26) 2-Nitrophenol	9.439	139	81990	43.473	ng	# 82
27) 2,4-Dimethylphenol	9.510	122	143485	49.753	ng	90
28) bis(2-Chloroethoxy)met...	9.745	93	189078	46.799	ng	100
29) 2,4-Dichlorophenol	9.969	162	153320	46.791	ng	96
30) 1,2,4-Trichlorobenzene	10.175	180	146153	41.771	ng	96
31) Naphthalene	10.357	128	464305	41.373	ng	99
32) Benzoic acid	9.692	122	95413	36.951	ng	95
33) 4-Chloroaniline	10.486	127	58845	12.615	ng	95
34) Hexachlorobutadiene	10.633	225	89543	40.080	ng	94
35) Caprolactam	11.304	113	41128m	36.149	ng	
36) 4-Chloro-3-methylphenol	11.616	107	181780	44.740	ng	88
37) 2-Methylnaphthalene	11.975	142	359792	42.842	ng	# 96
38) 1-Methylnaphthalene	12.198	142	339104	42.278	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.351	216	178532	44.168	ng	# 96
41) Hexachlorocyclopentadiene	12.322	237	196620	97.230	ng	100
43) 2,4,6-Trichlorophenol	12.604	196	132586	44.497	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.674	196	144265	44.304	ng	# 90
46) 1,1'-Biphenyl	13.010	154	476260	42.529	ng	99
47) 2-Chloronaphthalene	13.051	162	378292	43.029	ng	# 92
48) 2-Nitroaniline	13.274	65	143731	44.053	ng	88
49) Acenaphthylene	13.904	152	634512	44.084	ng	99
50) Dimethylphthalate	13.663	163	526748	44.422	ng	100
51) 2,6-Dinitrotoluene	13.786	165	112756	42.820	ng	# 77
52) Acenaphthene	14.251	154	379455	43.276	ng	97
53) 3-Nitroaniline	14.116	138	77539	28.678	ng	94
54) 2,4-Dinitrophenol	14.327	184	105534	67.983	ng	# 75
55) Dibenzofuran	14.592	168	634711	43.319	ng	94
56) 4-Nitrophenol	14.445	139	187022	81.089	ng	# 77
57) 2,4-Dinitrotoluene	14.580	165	167449	44.153	ng	# 61
58) Fluorene	15.245	166	540983	44.476	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.821	232	130761	44.284	ng	# 86
60) Diethylphthalate	15.039	149	596089	45.735	ng	97
61) 4-Chlorophenyl-phenyle...	15.245	204	266473	45.385	ng	# 86
62) 4-Nitroaniline	15.292	138	112120	40.360	ng	84
63) Azobenzene	15.539	77	621508	43.078	ng	92
65) 4,6-Dinitro-2-methylph...	15.345	198	77984	36.047	ng	# 74
66) n-Nitrosodiphenylamine	15.468	169	451429	43.389	ng	98
67) 4-Bromophenyl-phenylether	16.139	248	153557	45.586	ng	# 89
68) Hexachlorobenzene	16.245	284	165635	44.951	ng	# 91
69) Atrazine	16.433	200	172067	46.472	ng	96
70) Pentachlorophenol	16.598	266	231984	93.730	ng	96
71) Phenanthrene	16.980	178	855584	44.330	ng	100
72) Anthracene	17.074	178	869912	45.976	ng	100
73) Carbazole	17.351	167	805727	42.507	ng	97
74) Di-n-butylphthalate	17.921	149	1107032	46.889	ng	# 98
75) Fluoranthene	19.003	202	997766	43.160	ng	98
77) Benzidine	19.203	184	168788	19.152	ng	99
78) Pyrene	19.368	202	1024351	47.679	ng	98
80) Butylbenzylphthalate	20.292	149	518677	50.371	ng	95
81) Benzo(a)anthracene	21.127	228	961839	44.278	ng	98
82) 3,3'-Dichlorobenzidine	21.068	252	225061	33.527	ng	99
83) Chrysene	21.174	228	933120	44.068	ng	98
84) Bis(2-ethylhexyl)phtha...	21.068	149	794059	49.902	ng	# 94
85) Di-n-octyl phthalate	21.927	149	1221581	46.462	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.415	276	749330	45.265	ng	99
88) Benzo(b)fluoranthene	22.650	252	866540	49.131	ng	98
89) Benzo(k)fluoranthene	22.691	252	799741	46.979	ng	# 98
90) Benzo(a)pyrene	23.197	252	761741	48.780	ng	98
91) Dibenzo(a,h)anthracene	25.427	278	653984	44.920	ng	98
92) Benzo(g,h,i)perylene	26.062	276	613131	46.247	ng	99

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

