

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031852.D
 Acq On : 20 Aug 2021 21:33
 Operator : CG/JU
 Sample : M3419-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-03-1015MS

Manual Integrations
 APPROVED

mohammad
 8/23/2021 4:25:01 PM

Quant Time: Aug 21 07:59:15 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 18 14:13:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.534	152	37810	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	146138	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	83677	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	166575	20.000	ng	# 0.00
76) Chrysene-d12	21.133	240	173066	20.000	ng	# 0.00
86) Perylene-d12	23.280	264	177142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	316930	134.534	ng	0.00
7) Phenol-d6	6.734	99	389212	114.019	ng	0.00
23) Nitrobenzene-d5	8.687	82	277485	79.504	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	110623	107.339	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	470014	74.763	ng	0.00
79) Terphenyl-d14	19.574	244	650957	63.373	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	35845	36.394	ng	94
3) Pyridine	3.557	79	98551	36.208	ng	99
4) n-Nitrosodimethylamine	3.475	42	50298	31.666	ng	# 78
6) Aniline	6.881	93	159857	42.829	ng	96
8) 2-Chlorophenol	7.104	128	125056	45.335	ng	92
9) Benzaldehyde	6.698	77	92940	38.360	ng	97
10) Phenol	6.763	94	155511	45.858	ng	96
11) bis(2-Chloroethyl)ether	6.981	93	116480	45.726	ng	92
12) 1,3-Dichlorobenzene	7.422	146	136482	46.256	ng	# 95
13) 1,4-Dichlorobenzene	7.569	146	137338	45.175	ng	97
14) 1,2-Dichlorobenzene	7.875	146	131863	44.156	ng	96
15) Benzyl Alcohol	7.787	79	121790	41.431	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.057	45	164497	45.193	ng	94
17) 2-Methylphenol	7.987	107	102842	42.887	ng	94
18) Hexachloroethane	8.587	117	56719	45.008	ng	# 86
19) n-Nitroso-di-n-propyla...	8.345	70	97552	36.191	ng	95
20) 3+4-Methylphenols	8.310	107	136198	40.406	ng	96
22) Acetophenone	8.357	105	194238	46.809	ng	# 93
24) Nitrobenzene	8.728	77	156520	43.818	ng	96
25) Isophorone	9.251	82	250835	40.069	ng	96
26) 2-Nitrophenol	9.428	139	64298	45.727	ng	# 80
27) 2,4-Dimethylphenol	9.498	122	107388	49.945	ng	93
28) bis(2-Chloroethoxy)met...	9.734	93	145318	48.244	ng	99
29) 2,4-Dichlorophenol	9.957	162	108148	44.270	ng	93
30) 1,2,4-Trichlorobenzene	10.163	180	117537	45.057	ng	96
31) Naphthalene	10.345	128	367290	43.898	ng	100
32) Benzoic acid	9.669	122	84230	43.754	ng	91
33) 4-Chloroaniline	10.469	127	93113	26.774	ng	95
34) Hexachlorobutadiene	10.616	225	72117	43.297	ng	98
35) Caprolactam	11.281	113	34089m	40.188	ng	
36) 4-Chloro-3-methylphenol	11.604	107	118969	39.275	ng	93
37) 2-Methylnaphthalene	11.963	142	253590	40.502	ng	96
38) 1-Methylnaphthalene	12.186	142	231200m	38.663	ng	
40) 1,2,4,5-Tetrachloroben...	12.339	216	118959	50.049	ng	# 96
41) Hexachlorocyclopentadiene	12.310	237	76827	64.609	ng	99
43) 2,4,6-Trichlorophenol	12.592	196	81930	46.762	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	88321	46.127	ng	# 90
46) 1,1'-Biphenyl	12.998	154	296374	45.008	ng	99
47) 2-Chloronaphthalene	13.039	162	238762	46.186	ng	# 93
48) 2-Nitroaniline	13.263	65	85393	44.510	ng	86
49) Acenaphthylene	13.892	152	380495	44.958	ng	99
50) Dimethylphthalate	13.651	163	287625	41.251	ng	100
51) 2,6-Dinitrotoluene	13.774	165	63595	41.071	ng	# 78
52) Acenaphthene	14.239	154	219407	42.555	ng	99
53) 3-Nitroaniline	14.104	138	57614	36.238	ng	86
54) 2,4-Dinitrophenol	14.322	184	37711	41.313	ng	# 83
55) Dibenzofuran	14.580	168	353964	41.084	ng	93
56) 4-Nitrophenol	14.433	139	121652	89.701	ng	# 78
57) 2,4-Dinitrotoluene	14.569	165	87545	39.257	ng	# 57
58) Fluorene	15.233	166	290442	40.608	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.810	232	70957	40.867	ng	# 81
60) Diethylphthalate	15.021	149	311498	40.644	ng	96
61) 4-Chlorophenyl-phenyle...	15.233	204	139646	40.448	ng	# 84
62) 4-Nitroaniline	15.274	138	62718	38.394	ng	85
63) Azobenzene	15.527	77	339471	40.015	ng	91
65) 4,6-Dinitro-2-methylph...	15.333	198	25081	22.025	ng	# 67
66) n-Nitrosodiphenylamine	15.451	169	239395	43.713	ng	99
67) 4-Bromophenyl-phenylether	16.127	248	77645	43.791	ng	# 87
68) Hexachlorobenzene	16.233	284	84542	43.588	ng	# 87
69) Atrazine	16.421	200	85232	43.733	ng	98
70) Pentachlorophenol	16.586	266	128716	98.801	ng	97
71) Phenanthrene	16.974	178	450804	44.374	ng	100
72) Anthracene	17.062	178	452646	45.449	ng	100
73) Carbazole	17.345	167	414441	41.538	ng	98
74) Di-n-butylphthalate	17.915	149	555499	44.700	ng	# 98
75) Fluoranthene	18.998	202	544260	44.727	ng	98
77) Benzidine	19.204	184	323082	62.820	ng	99
78) Pyrene	19.362	202	551835	44.015	ng	99
80) Butylbenzylphthalate	20.280	149	276660	46.041	ng	88
81) Benzo(a)anthracene	21.115	228	560224	44.193	ng	98
82) 3,3'-Dichlorobenzidine	21.062	252	196597	50.185	ng	98
83) Chrysene	21.168	228	540297	43.725	ng	98
84) Bis(2-ethylhexyl)phtha...	21.062	149	442677	47.672	ng	# 94
85) Di-n-octyl phthalate	21.921	149	751880	49.005	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.415	276	653396	52.341	ng	98
88) Benzo(b)fluoranthene	22.644	252	591240	44.454	ng	99
89) Benzo(k)fluoranthene	22.686	252	532101	41.450	ng	# 97
90) Benzo(a)pyrene	23.192	252	552586	46.926	ng	99
91) Dibenzo(a,h)anthracene	25.421	278	558558	50.876	ng	98
92) Benzo(g,h,i)perylene	26.062	276	529670	52.980	ng	97

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

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