

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082021\
 Data File : BM031853.D
 Acq On : 20 Aug 2021 22:10
 Operator : CG/JU
 Sample : M3419-10MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SWCS-03-1015MSD

Manual Integrations
 APPROVED

mohammad
 8/23/2021 4:25:06 PM

Quant Time: Aug 21 04:26:19 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	40137	20.000	ng	0.00
21) Naphthalene-d8	10.292	136	156526	20.000	ng	# 0.00
39) Acenaphthene-d10	14.174	164	90497	20.000	ng	0.00
64) Phenanthrene-d10	16.927	188	186010	20.000	ng	0.00
76) Chrysene-d12	21.133	240	185300	20.000	ng	0.00
86) Perylene-d12	23.280	264	188772	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	305110	122.007	ng	0.00
7) Phenol-d6	6.734	99	377583	104.199	ng	0.00
23) Nitrobenzene-d5	8.686	82	265958	71.145	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	112025	100.508	ng	0.00
45) 2-Fluorobiphenyl	12.786	172	452167	66.504	ng	0.00
79) Terphenyl-d14	19.574	244	656990	59.738	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.181	88	33747	32.278	ng	93
3) Pyridine	3.557	79	92906	32.155	ng	98
4) n-Nitrosodimethylamine	3.475	42	45662	27.081	ng	# 84
6) Aniline	6.881	93	151444	38.222	ng	98
8) 2-Chlorophenol	7.104	128	119462	40.796	ng	94
9) Benzaldehyde	6.698	77	89184	34.676	ng	97
10) Phenol	6.763	94	150665	41.853	ng	92
11) bis(2-Chloroethyl)ether	6.981	93	109736	40.581	ng	94
12) 1,3-Dichlorobenzene	7.422	146	127717	40.776	ng	# 95
13) 1,4-Dichlorobenzene	7.569	146	132472	41.048	ng	95
14) 1,2-Dichlorobenzene	7.875	146	126890	40.028	ng	95
15) Benzyl Alcohol	7.787	79	117829	37.760	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.069	45	159123	41.182	ng	95
17) 2-Methylphenol	7.987	107	98940	38.868	ng	96
18) Hexachloroethane	8.586	117	54343	40.623	ng	89
19) n-Nitroso-di-n-propyla...	8.345	70	94690	33.093	ng	94
20) 3+4-Methylphenols	8.310	107	133021	37.176	ng	96
22) Acetophenone	8.357	105	185982	41.845	ng	# 92
24) Nitrobenzene	8.728	77	148349	38.774	ng	97
25) Isophorone	9.251	82	240601	35.884	ng	96
26) 2-Nitrophenol	9.428	139	61310	40.709	ng	# 81
27) 2,4-Dimethylphenol	9.498	122	105851	45.963	ng	95
28) bis(2-Chloroethoxy)met...	9.733	93	139059	43.102	ng	99
29) 2,4-Dichlorophenol	9.957	162	103876	39.699	ng	93
30) 1,2,4-Trichlorobenzene	10.163	180	112036	40.098	ng	98
31) Naphthalene	10.345	128	352869	39.376	ng	99
32) Benzoic acid	9.669	122	87142	42.262	ng	97
33) 4-Chloroaniline	10.469	127	100578	27.001	ng	96
34) Hexachlorobutadiene	10.616	225	68126	38.187	ng	98
35) Caprolactam	11.280	113	33649m	37.036	ng	
36) 4-Chloro-3-methylphenol	11.604	107	115650	35.645	ng	87
37) 2-Methylnaphthalene	11.963	142	245133	36.553	ng	97
38) 1-Methylnaphthalene	12.186	142	224402	35.035	ng	# 98
40) 1,2,4,5-Tetrachloroben...	12.339	216	113851	44.290	ng	# 97
41) Hexachlorocyclopentadiene	12.310	237	59003	45.880	ng	97
43) 2,4,6-Trichlorophenol	12.592	196	80065	42.253	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.669	196	85477	41.278	ng	# 90
46) 1,1'-Biphenyl	12.998	154	290062	40.730	ng	99
47) 2-Chloronaphthalene	13.039	162	233607	41.784	ng	# 93
48) 2-Nitroaniline	13.263	65	84929	40.932	ng	86
49) Acenaphthylene	13.892	152	375425	41.016	ng	99
50) Dimethylphthalate	13.651	163	284852	37.775	ng	99
51) 2,6-Dinitrotoluene	13.774	165	62296	37.200	ng	# 80
52) Acenaphthene	14.239	154	219145	39.301	ng	98
53) 3-Nitroaniline	14.104	138	58435	33.984	ng	# 90
54) 2,4-Dinitrophenol	14.321	184	30730	31.128	ng	# 82
55) Dibenzofuran	14.580	168	352839	37.867	ng	93
56) 4-Nitrophenol	14.433	139	120562	82.198	ng	# 72
57) 2,4-Dinitrotoluene	14.568	165	86658	35.931	ng	# 53
58) Fluorene	15.233	166	292152	37.769	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.810	232	70116	37.340	ng	# 81
60) Diethylphthalate	15.021	149	307364	37.083	ng	97
61) 4-Chlorophenyl-phenyle...	15.233	204	137833	36.914	ng	# 83
62) 4-Nitroaniline	15.274	138	64936	36.757	ng	86
63) Azobenzene	15.527	77	339499	37.002	ng	91
65) 4,6-Dinitro-2-methylph...	15.333	198	20505	16.125	ng	# 55
66) n-Nitrosodiphenylamine	15.451	169	239472	39.159	ng	99
67) 4-Bromophenyl-phenylether	16.127	248	76728	38.753	ng	# 81
68) Hexachlorobenzene	16.233	284	84966	39.230	ng	# 87
69) Atrazine	16.421	200	85485	39.279	ng	98
70) Pentachlorophenol	16.586	266	127341	87.533	ng	98
71) Phenanthrene	16.974	178	456978	40.282	ng	99
72) Anthracene	17.062	178	462566	41.592	ng	99
73) Carbazole	17.345	167	430655	38.653	ng	97
74) Di-n-butylphthalate	17.915	149	559003	40.282	ng	# 98
75) Fluoranthene	18.998	202	547899	40.321	ng	98
77) Benzidine	19.203	184	363160	65.950	ng	99
78) Pyrene	19.362	202	558784	41.626	ng	99
80) Butylbenzylphthalate	20.280	149	272903	42.417	ng	89
81) Benzo(a)anthracene	21.115	228	545423	40.185	ng	100
82) 3,3'-Dichlorobenzidine	21.062	252	201702	48.089	ng	100
83) Chrysene	21.168	228	525724	39.737	ng	99
84) Bis(2-ethylhexyl)phtha...	21.062	149	436809	43.935	ng	# 94
85) Di-n-octyl phthalate	21.921	149	733393	44.644	ng	# 93
87) Indeno(1,2,3-cd)pyrene	25.415	276	618479	46.492	ng	98
88) Benzo(b)fluoranthene	22.644	252	559513	39.476	ng	98
89) Benzo(k)fluoranthene	22.691	252	520694	38.062	ng	99
90) Benzo(a)pyrene	23.191	252	528709	42.132	ng	# 98
91) Dibenzo(a,h)anthracene	25.421	278	529089	45.223	ng	99
92) Benzo(g,h,i)perylene	26.062	276	500558	46.983	ng	97

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

