

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
 Data File : BM042679.D
 Acq On : 09 Nov 2023 19:45
 Operator : MA/JU
 Sample : 05256-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 23:53:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 09 13:21:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	38002	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	152304	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	93379	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	187520	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	162515	20.000	ng	# 0.00
86) Perylene-d12	23.815	264	175720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	360496	153.096	ng	0.00
7) Phenol-d6	7.016	99	446228	138.178	ng	0.00
23) Nitrobenzene-d5	9.051	82	372429	113.991	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	216525	177.604	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	765252	110.273	ng	0.00
79) Terphenyl-d14	19.874	244	1104979	115.288	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	45530	40.573	ng	# 28
3) Pyridine	3.675	79	103587	32.179	ng	# 88
4) n-Nitrosodimethylamine	3.593	42	108362	69.948	ng	# 65
6) Aniline	7.193	93	85468	20.821	ng	92
8) 2-Chlorophenol	7.404	128	127087	50.054	ng	96
9) Benzaldehyde	7.010	77	20995	11.280	ng	82
10) Phenol	7.040	94	154216	47.020	ng	83
11) bis(2-Chloroethyl)ether	7.293	93	127689	46.020	ng	95
12) 1,3-Dichlorobenzene	7.722	146	134851	49.143	ng	94
13) 1,4-Dichlorobenzene	7.881	146	139335	50.172	ng	96
14) 1,2-Dichlorobenzene	8.193	146	135508	50.539	ng	96
15) Benzyl Alcohol	8.110	79	129883m	56.810	ng	
16) 2,2'-oxybis(1-Chloropr...	8.381	45	213892m	48.441	ng	
17) 2-Methylphenol	8.298	107	109067	46.965	ng	# 91
18) Hexachloroethane	8.904	117	60304	55.496	ng	94
19) n-Nitroso-di-n-propyla...	8.669	70	119276	52.211	ng	# 83
20) 3+4-Methylphenols	8.634	107	146565	47.205	ng	93
22) Acetophenone	8.698	105	210038	54.681	ng	# 91
24) Nitrobenzene	9.092	77	184429	57.312	ng	96
25) Isophorone	9.598	82	316572	54.743	ng	# 97
26) 2-Nitrophenol	9.792	139	68377	49.823	ng	# 82
27) 2,4-Dimethylphenol	9.834	122	101417m	45.843	ng	
28) bis(2-Chloroethoxy)met...	10.087	93	174828	50.182	ng	100
29) 2,4-Dichlorophenol	10.310	162	126431	57.759	ng	98
30) 1,2,4-Trichlorobenzene	10.516	180	140998	58.776	ng	99
31) Naphthalene	10.710	128	401047	50.966	ng	100
32) Benzoic acid	9.969	122	31226	19.979	ng	90
33) 4-Chloroaniline	10.863	127	48480	15.801	ng	94
34) Hexachlorobutadiene	10.934	225	94426	64.831	ng	99
35) Caprolactam	11.692	113	30927	40.212	ng	# 79
36) 4-Chloro-3-methylphenol	11.969	107	131848	52.926	ng	97
37) 2-Methylnaphthalene	12.322	142	276196	49.839	ng	97
38) 1-Methylnaphthalene	12.545	142	268701	51.513	ng	98
40) 1,2,4,5-Tetrachloroben...	12.675	216	168158	60.279	ng	100
41) Hexachlorocyclopentadiene	12.616	237	172140	101.183	ng	98
43) 2,4,6-Trichlorophenol	12.933	196	105789	59.206	ng	97

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44) 2,4,5-Trichlorophenol	13.010	196	113152	53.217	ng	# 96
46) 1,1'-Biphenyl	13.339	154	382286	53.556	ng	99
47) 2-Chloronaphthalene	13.386	162	292777	55.911	ng	100
48) 2-Nitroaniline	13.627	65	108592	51.105	ng	94
49) Acenaphthylene	14.233	152	487775	56.244	ng	99
50) Dimethylphthalate	13.975	163	355246	50.901	ng	99
51) 2,6-Dinitrotoluene	14.122	165	74347	51.688	ng	87
52) Acenaphthene	14.569	154	271826	51.645	ng	99
53) 3-Nitroaniline	14.463	138	49775	32.412	ng	92
54) 2,4-Dinitrophenol	14.669	184	33783	37.641	ng	88
55) Dibenzofuran	14.904	168	467879	54.674	ng	97
56) 4-Nitrophenol	14.757	139	96436	74.322	ng	# 76
57) 2,4-Dinitrotoluene	14.904	165	106075	48.610	ng	# 81
58) Fluorene	15.551	166	382825	55.290	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	102050	56.983	ng	96
60) Diethylphthalate	15.322	149	348888	49.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	200789	57.401	ng	97
62) 4-Nitroaniline	15.627	138	57847	41.090	ng	# 77
63) Azobenzene	15.839	77	435265	55.863	ng	91
65) 4,6-Dinitro-2-methylph...	15.651	198	35754	31.888	ng	89
66) n-Nitrosodiphenylamine	15.769	169	299102	56.569	ng	98
67) 4-Bromophenyl-phenylether	16.439	248	112098	59.783	ng	98
68) Hexachlorobenzene	16.521	284	134174	64.681	ng	97
69) Atrazine	16.721	200	108005	70.693	ng	97
70) Pentachlorophenol	16.886	266	158841	104.155	ng	99
71) Phenanthrene	17.298	178	535650	54.660	ng	99
72) Anthracene	17.386	178	534670	55.084	ng	100
73) Carbazole	17.680	167	444455	56.286	ng	100
74) Di-n-butylphthalate	18.198	149	556628	50.197	ng	98
75) Fluoranthene	19.309	202	606552	52.692	ng	98
77) Benzidine	19.533	184	88446	56.737	ng	99
78) Pyrene	19.680	202	625708	56.070	ng	100
80) Butylbenzylphthalate	20.562	149	233469	48.984	ng	92
81) Benzo(a)anthracene	21.421	228	561845	54.337	ng	100
82) 3,3'-Dichlorobenzidine	21.368	252	152760	46.485	ng	96
83) Chrysene	21.474	228	535028	50.939	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	325917	45.246	ng	100
85) Di-n-octyl phthalate	22.221	149	544531	43.919	ng	# 93
87) Indeno(1,2,3-cd)pyrene	26.291	276	690941	66.065	ng	# 92
88) Benzo(b)fluoranthene	23.080	252	534014	54.548	ng	98
89) Benzo(k)fluoranthene	23.133	252	555107	50.886	ng	# 98
90) Benzo(a)pyrene	23.709	252	472764	49.051	ng	# 96
91) Dibenzo(a,h)anthracene	26.309	278	579027	58.940	ng	# 95
92) Benzo(g,h,i)perylene	27.062	276	589838	63.990	ng	# 93

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

