

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062222\
 Data File : BM035605.D
 Acq On : 22 Jun 2022 18:06
 Operator : CG/JU
 Sample : N3373-14MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

DS-7WCMSD

Manual Integrations

APPROVED

Reviewed By :Christian
 Giraldo

06/23/2022

Supervised By :Jagrut
 Upadhyay

06/23/2022

Quant Time: Jun 23 07:36:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 07:33:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	184772	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	732287	20.000	ng	0.00
39) Acenaphthene-d10	14.439	164	405301	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	766760	20.000	ng	# 0.00
76) Chrysene-d12	21.380	240	686518	20.000	ng	0.00
86) Perylene-d12	23.709	264	750061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1517957	139.314	ng	0.00
7) Phenol-d6	7.004	99	1727640	114.419	ng	0.00
23) Nitrobenzene-d5	8.963	82	1214815	90.152	ng	0.00
42) 2,4,6-Tribromophenol	15.939	330	662801	153.601	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2729102	96.196	ng	0.00
79) Terphenyl-d14	19.815	244	3496930	97.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	197320	47.480	ng	# 32
3) Pyridine	3.710	79	419432	36.086	ng	93
4) n-Nitrosodimethylamine	3.610	42	228290	42.553	ng	# 66
6) Aniline	7.140	93	326552	20.008	ng	98
8) 2-Chlorophenol	7.375	128	651346	52.075	ng	95
9) Benzaldehyde	6.951	77	249434	32.907	ng	88
10) Phenol	7.034	94	643383	43.863	ng	90
11) bis(2-Chloroethyl)ether	7.228	93	593285	50.462	ng	95
12) 1,3-Dichlorobenzene	7.687	146	690128	51.723	ng	96
13) 1,4-Dichlorobenzene	7.834	146	700064	51.250	ng	99
14) 1,2-Dichlorobenzene	8.151	146	679035	50.932	ng	99
15) Benzyl Alcohol	8.057	79	476646m	47.122	ng	
16) 2,2'-oxybis(1-Chloropr...	8.339	45	816085	39.966	ng	98
17) 2-Methylphenol	8.275	107	489239	48.604	ng	94
18) Hexachloroethane	8.869	117	250010	51.034	ng	96
19) n-Nitroso-di-n-propyla...	8.616	70	421327	44.393	ng	89
20) 3+4-Methylphenols	8.610	107	646113	45.791	ng	91
22) Acetophenone	8.628	105	900447	50.769	ng	# 96
24) Nitrobenzene	9.010	77	657549	53.294	ng	93
25) Isophorone	9.534	82	1143529	52.181	ng	97
26) 2-Nitrophenol	9.716	139	349680	55.379	ng	89
27) 2,4-Dimethylphenol	9.798	122	532014	57.497	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	742895	48.722	ng	# 97
29) 2,4-Dichlorophenol	10.281	162	556080	53.930	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	591792	51.626	ng	98
31) Naphthalene	10.645	128	1905100	51.940	ng	100
32) Benzoic acid	10.016	122	450932	51.797	ng	93
33) 4-Chloroaniline	10.792	127	125925	8.438	ng	# 93
34) Hexachlorobutadiene	10.928	225	339288	52.594	ng	98
35) Caprolactam	11.592	113	140926m	40.322	ng	
36) 4-Chloro-3-methylphenol	11.927	107	558843	47.806	ng	99
37) 2-Methylnaphthalene	12.263	142	1297666	51.374	ng	97
38) 1-Methylnaphthalene	12.480	142	1220541	49.438	ng	99
40) 1,2,4,5-Tetrachloroben...	12.633	216	618100	54.111	ng	98
41) Hexachlorocyclopentadiene	12.610	237	553064	119.176	ng	97
43) 2,4,6-Trichlorophenol	12.886	196	416012	53.094	ng	99

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44) 2,4,5-Trichlorophenol	12.986	196	439759	52.025	ng	95
46) 1,1'-Biphenyl	13.274	154	1641986	52.018	ng	99
47) 2-Chloronaphthalene	13.316	162	1245684	52.473	ng	99
48) 2-Nitroaniline	13.539	65	306120	42.598	ng	87
49) Acenaphthylene	14.163	152	1941652	52.216	ng	99
50) Dimethylphthalate	13.910	163	1480359	49.634	ng	99
51) 2,6-Dinitrotoluene	14.033	165	332491	53.255	ng	# 81
52) Acenaphthene	14.504	154	1166145	53.837	ng	99
53) 3-Nitroaniline	14.374	138	183883	27.444	ng	93
54) 2,4-Dinitrophenol	14.586	184	365440	91.848	ng	# 82
55) Dibenzofuran	14.845	168	1796479	51.767	ng	95
56) 4-Nitrophenol	14.739	139	431962	81.563	ng	84
57) 2,4-Dinitrotoluene	14.827	165	447257	56.411	ng	94
58) Fluorene	15.492	166	1446892	53.370	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	360148	53.576	ng	# 92
60) Diethylphthalate	15.268	149	1468060	50.296	ng	99
61) 4-Chlorophenyl-phenyle...	15.486	204	684335	52.165	ng	97
62) 4-Nitroaniline	15.533	138	277782m	42.837	ng	
63) Azobenzene	15.780	77	1277404	46.206	ng	91
65) 4,6-Dinitro-2-methylph...	15.598	198	232230	48.104	ng	92
66) n-Nitrosodiphenylamine	15.704	169	1248093	54.661	ng	98
67) 4-Bromophenyl-phenylether	16.380	248	421115	53.228	ng	94
68) Hexachlorobenzene	16.498	284	469916	54.328	ng	93
69) Atrazine	16.662	200	414373	59.781	ng	98
70) Pentachlorophenol	16.857	266	537447	118.004	ng	98
71) Phenanthrene	17.233	178	2151008	52.858	ng	98
72) Anthracene	17.321	178	2171291	54.685	ng	99
73) Carbazole	17.598	167	2014639	52.329	ng	97
74) Di-n-butylphthalate	18.162	149	2507028	54.444	ng	99
75) Fluoranthene	19.251	202	2355875	55.750	ng	98
77) Benzidine	19.451	184	197716	15.667	ng	98
78) Pyrene	19.615	202	2440504	50.647	ng	99
80) Butylbenzylphthalate	20.515	149	1067145	49.995	ng	92
81) Benzo(a)anthracene	21.362	228	2233776	52.229	ng	98
82) 3,3'-Dichlorobenzidine	21.297	252	488290	49.592	ng	98
83) Chrysene	21.415	228	2157476	52.225	ng	99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1572831	51.377	ng	98
85) Di-n-octyl phthalate	22.192	149	2652825	53.337	ng	95
87) Indeno(1,2,3-cd)pyrene	26.121	276	3000975	57.916	ng	# 94
88) Benzo(b)fluoranthene	23.003	252	2368111	53.601	ng	# 97
89) Benzo(k)fluoranthene	23.050	252	2346225	52.456	ng	# 97
90) Benzo(a)pyrene	23.609	252	2111740	56.654	ng	# 97
91) Dibenzo(a,h)anthracene	26.132	278	2626773	61.279	ng	# 96
92) Benzo(g,h,i)perylene	26.862	276	2704297	63.424	ng	96

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

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