

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
 Data File : BM041272.D
 Acq On : 03 Aug 2023 21:28
 Operator : MA/JU
 Sample : 03756-20MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 307/308-TP-6-8-CS3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/04/2023
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:24:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	132779	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	613946	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	419121	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	950414	20.000	ng	0.00
76) Chrysene-d12	21.427	240	792642	20.000	ng	0.00
86) Perylene-d12	23.797	264	745654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	743257	83.662	ng	0.00
7) Phenol-d6	6.981	99	1029881	89.432	ng	0.00
23) Nitrobenzene-d5	8.975	82	658244	49.860	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	562062	94.811	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1639576	49.417	ng	0.00
79) Terphenyl-d14	19.856	244	2955357	67.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	110279	29.017	ng	98
3) Pyridine	3.663	79	320132	32.036	ng	96
4) n-Nitrosodimethylamine	3.581	42	174503	37.758	ng	91
6) Aniline	7.128	93	640016	47.490	ng	99
8) 2-Chlorophenol	7.363	128	481299	55.494	ng	98
9) Benzaldehyde	6.940	77	283886m	46.719	ng	
10) Phenol	7.010	94	621508	55.879	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	448874	49.857	ng	99
12) 1,3-Dichlorobenzene	7.681	146	474781	50.291	ng	99
13) 1,4-Dichlorobenzene	7.828	146	490954	51.739	ng	99
14) 1,2-Dichlorobenzene	8.145	146	478592	52.602	ng	99
15) Benzyl Alcohol	8.051	79	461995	63.527	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.334	45	570891	47.591	ng	96
17) 2-Methylphenol	8.257	107	425881	56.046	ng	98
18) Hexachloroethane	8.863	117	150822	42.693	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	395285	56.513	ng	96
20) 3+4-Methylphenols	8.592	107	590884	58.158	ng	96
22) Acetophenone	8.634	105	744532	45.789	ng	98
24) Nitrobenzene	9.016	77	578071	43.299	ng	100
25) Isophorone	9.545	82	1124299	50.169	ng	99
26) 2-Nitrophenol	9.722	139	222049	42.545	ng	95
27) 2,4-Dimethylphenol	9.792	122	445089	48.464	ng	97
28) bis(2-Chloroethoxy)met...	10.028	93	656550	46.770	ng	100
29) 2,4-Dichlorophenol	10.263	162	525743	56.766	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	519565	50.776	ng	99
31) Naphthalene	10.657	128	1528368	45.875	ng	99
32) Benzoic acid	9.981	122	392239	55.544	ng	98
33) 4-Chloroaniline	10.781	127	593862	44.603	ng	99
34) Hexachlorobutadiene	10.922	225	317214	51.545	ng	99
35) Caprolactam	11.616	113	172188	64.269	ng	# 88
36) 4-Chloro-3-methylphenol	11.922	107	574440	58.929	ng	98
37) 2-Methylnaphthalene	12.275	142	1114312	49.611	ng	99
38) 1-Methylnaphthalene	12.492	142	1076125	51.190	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	642546	47.214	ng	98
41) Hexachlorocyclopentadiene	12.604	237	334153	46.410	ng	98
43) 2,4,6-Trichlorophenol	12.898	196	464072	53.202	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	503302	49.852	ng	96
46) 1,1'-Biphenyl	13.292	154	1526698	44.932	ng	98
47) 2-Chloronaphthalene	13.333	162	1202485	47.398	ng	99
48) 2-Nitroaniline	13.563	65	411815	50.853	ng	95
49) Acenaphthylene	14.186	152	1988297	48.555	ng	100
50) Dimethylphthalate	13.933	163	1536340	48.731	ng	99
51) 2,6-Dinitrotoluene	14.063	165	316675	48.478	ng	95
52) Acenaphthene	14.527	154	1148849	46.571	ng	100
53) 3-Nitroaniline	14.398	138	388785	51.248	ng	95
54) 2,4-Dinitrophenol	14.616	184	245402	57.407	ng	# 86
55) Dibenzofuran	14.869	168	1914539	47.568	ng	99
56) 4-Nitrophenol	14.721	139	569749	104.652	ng	97
57) 2,4-Dinitrotoluene	14.857	165	443216	47.538	ng	96
58) Fluorene	15.516	166	1565568	49.307	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	447498	54.737	ng	95
60) Diethylphthalate	15.298	149	1578107	51.761	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	820663	51.578	ng	98
62) 4-Nitroaniline	15.568	138	386949	54.887	ng	97
63) Azobenzene	15.810	77	1595441	47.773	ng	96
65) 4,6-Dinitro-2-methylph...	15.621	198	165065	28.669	ng	92
66) n-Nitrosodiphenylamine	15.733	169	1346297	45.547	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	519654	49.868	ng	99
68) Hexachlorobenzene	16.521	284	617492	53.291	ng	97
69) Atrazine	16.698	200	447235	57.615	ng	99
70) Pentachlorophenol	16.880	266	684477	85.308	ng	99
71) Phenanthrene	17.268	178	2468092	46.739	ng	99
72) Anthracene	17.357	178	2505354	47.972	ng	100
73) Carbazole	17.639	167	2290643	48.459	ng	100
74) Di-n-butylphthalate	18.198	149	3036963	56.856	ng	99
75) Fluoranthene	19.292	202	2895560	48.808	ng	99
77) Benzidine	19.492	184	2068571	191.470	ng	100
78) Pyrene	19.656	202	2942002	53.075	ng	99
80) Butylbenzylphthalate	20.556	149	1344665	66.429	ng	98
81) Benzo(a)anthracene	21.409	228	2745173	51.088	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	1099995	62.734	ng	99
83) Chrysene	21.468	228	2467221	47.470	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	2021886	62.109	ng	# 96
85) Di-n-octyl phthalate	22.250	149	3290914	64.327	ng	96
87) Indeno(1,2,3-cd)pyrene	26.256	276	2450080	44.692	ng	96
88) Benzo(b)fluoranthene	23.080	252	2442935	55.150	ng	98
89) Benzo(k)fluoranthene	23.127	252	2269104	50.078	ng	98
90) Benzo(a)pyrene	23.697	252	2013225	47.300	ng	# 98
91) Dibenzo(a,h)anthracene	26.268	278	2060392	45.060	ng	97
92) Benzo(g,h,i)perylene	27.015	276	1899761	42.460	ng	96

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

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