

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041336.D
 Acq On : 08 Aug 2023 19:50
 Operator : MA/JU
 Sample : 03919-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-36MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Quant Time: Aug 09 01:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	137924	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	546559	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	318592	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	625181	20.000	ng	0.00
76) Chrysene-d12	21.415	240	468110	20.000	ng	0.00
86) Perylene-d12	23.780	264	511798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	856848	92.851	ng	0.00
7) Phenol-d6	6.963	99	1091117	91.215	ng	0.00
23) Nitrobenzene-d5	8.957	82	716724	60.983	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	433815	96.268	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	1484209	58.850	ng	0.00
79) Terphenyl-d14	19.845	244	1809638	69.896	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.252	88	136946	34.690	ng	97
3) Pyridine	3.657	79	353212	34.028	ng	98
4) n-Nitrosodimethylamine	3.575	42	191047	39.796	ng	95
6) Aniline	7.116	93	381398	27.244	ng	99
8) 2-Chlorophenol	7.345	128	431019	47.843	ng	99
9) Benzaldehyde	6.928	77	220474m	34.930	ng	
10) Phenol	6.992	94	539773	46.720	ng	96
11) bis(2-Chloroethyl)ether	7.216	93	424045	45.343	ng	97
12) 1,3-Dichlorobenzene	7.663	146	466338	47.554	ng	99
13) 1,4-Dichlorobenzene	7.816	146	479270	48.624	ng	99
14) 1,2-Dichlorobenzene	8.128	146	459975	48.670	ng	99
15) Benzyl Alcohol	8.039	79	403043	53.354	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.322	45	533789	42.839	ng	95
17) 2-Methylphenol	8.239	107	360349	45.653	ng	98
18) Hexachloroethane	8.845	117	182939	49.853	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	347630	47.846	ng	98
20) 3+4-Methylphenols	8.575	107	488218	46.261	ng	95
22) Acetophenone	8.622	105	644608	44.532	ng	# 99
24) Nitrobenzene	9.004	77	516655	43.470	ng	98
25) Isophorone	9.528	82	924073	46.318	ng	99
26) 2-Nitrophenol	9.710	139	234598	50.492	ng	95
27) 2,4-Dimethylphenol	9.775	122	359755	44.002	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	557387	44.602	ng	100
29) 2,4-Dichlorophenol	10.245	162	410715	49.814	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	445776	48.936	ng	98
31) Naphthalene	10.639	128	1284264	43.300	ng	99
32) Benzoic acid	9.957	122	281523	46.168	ng	97
33) 4-Chloroaniline	10.775	127	115981	9.785	ng	98
34) Hexachlorobutadiene	10.904	225	286093	52.219	ng	99
35) Caprolactam	11.592	113	112884	47.329	ng	# 89
36) 4-Chloro-3-methylphenol	11.904	107	414050	47.712	ng	99
37) 2-Methylnaphthalene	12.257	142	874624	43.740	ng	99
38) 1-Methylnaphthalene	12.480	142	833292	44.526	ng	100
40) 1,2,4,5-Tetrachloroben...	12.627	216	493113	47.667	ng	# 98
41) Hexachlorocyclopentadiene	12.592	237	556508	101.682	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	326768	49.282	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041336.D
 Acq On : 08 Aug 2023 19:50
 Operator : MA/JU
 Sample : 03919-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-36MS

Quant Time: Aug 09 01:19:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	346298	45.124	ng	98
46) 1,1'-Biphenyl	13.280	154	1149106	44.491	ng	98
47) 2-Chloronaphthalene	13.321	162	889772	46.138	ng	99
48) 2-Nitroaniline	13.545	65	276767	44.961	ng	100
49) Acenaphthylene	14.168	152	1401815	45.035	ng	100
50) Dimethylphthalate	13.921	163	1085921	45.313	ng	99
51) 2,6-Dinitrotoluene	14.051	165	233854	47.095	ng	99
52) Acenaphthene	14.515	154	810634	43.229	ng	100
53) 3-Nitroaniline	14.380	138	145020	26.461	ng	95
54) 2,4-Dinitrophenol	14.598	184	292660	86.746	ng	95
55) Dibenzofuran	14.851	168	1318637	43.100	ng	100
56) 4-Nitrophenol	14.704	139	359807	86.943	ng	97
57) 2,4-Dinitrotoluene	14.845	165	314843	44.600	ng	95
58) Fluorene	15.504	166	1043691	43.242	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	296195	47.662	ng	96
60) Diethylphthalate	15.286	149	1063435	45.886	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	555777	45.952	ng	100
62) 4-Nitroaniline	15.557	138	201688	38.939	ng	96
63) Azobenzene	15.792	77	1095495	43.153	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	181422	47.903	ng	92
66) n-Nitrosodiphenylamine	15.721	169	871021	44.797	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	331611	48.378	ng	99
68) Hexachlorobenzene	16.509	284	382205	50.145	ng	95
69) Atrazine	16.686	200	311747	61.053	ng	99
70) Pentachlorophenol	16.862	266	411571	77.979	ng	99
71) Phenanthrene	17.251	178	1515407	43.627	ng	99
72) Anthracene	17.345	178	1526408	44.432	ng	100
73) Carbazole	17.627	167	1326095	42.648	ng	100
74) Di-n-butylphthalate	18.186	149	1758644	50.052	ng	100
75) Fluoranthene	19.280	202	1655236	42.415	ng	98
77) Benzidine	19.480	184	606465	95.053	ng	99
78) Pyrene	19.645	202	1686876	51.530	ng	100
80) Butylbenzylphthalate	20.550	149	677989	56.714	ng	96
81) Benzo(a)anthracene	21.397	228	1463139	46.106	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	383053	36.991	ng	99
83) Chrysene	21.450	228	1327788	43.258	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	942203	49.544	ng	99
85) Di-n-octyl phthalate	22.238	149	1488790	49.277	ng	97
87) Indeno(1,2,3-cd)pyrene	26.232	276	1763443	46.865	ng	96
88) Benzo(b)fluoranthene	23.062	252	1397670	45.970	ng	99
89) Benzo(k)fluoranthene	23.109	252	1333461	42.876	ng	99
90) Benzo(a)pyrene	23.680	252	1231898	42.168	ng	97
91) Dibenzo(a,h)anthracene	26.238	278	1477236	47.068	ng	97
92) Benzo(g,h,i)perylene	26.979	276	1421892	46.301	ng	96

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

