

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032924\
 Data File : BM044815.D
 Acq On : 29 Mar 2024 13:47
 Operator : MA/JU
 Sample : P1879-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EB-01(2-4)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 14:24:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 29 01:24:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	103122	20.000	ng	-0.01
21) Naphthalene-d8	10.445	136	383965	20.000	ng	-0.01
39) Acenaphthene-d10	14.316	164	207273	20.000	ng	0.00
64) Phenanthrene-d10	17.068	188	402488	20.000	ng	-0.01
76) Chrysene-d12	21.274	240	431682	20.000	ng	0.00
86) Perylene-d12	23.503	264	535034	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	640878	89.007	ng	-0.01
7) Phenol-d6	6.846	99	810845	86.817	ng	-0.01
23) Nitrobenzene-d5	8.828	82	501803	58.915	ng	-0.01
42) 2,4,6-Tribromophenol	15.816	330	229960	101.528	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	885544	54.719	ng	-0.01
79) Terphenyl-d14	19.715	244	1199614	47.095	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	104667	36.784	ng	98
3) Pyridine	3.646	79	266005	33.267	ng	99
4) n-Nitrosodimethylamine	3.569	42	184902	44.072	ng	100
6) Aniline	7.010	93	305501	28.086	ng	97
8) 2-Chlorophenol	7.234	128	320541	43.951	ng	98
9) Benzaldehyde	6.828	77	49637m	10.221	ng	
10) Phenol	6.875	94	415050	45.010	ng	99
11) bis(2-Chloroethyl)ether	7.110	93	310534	42.779	ng	98
12) 1,3-Dichlorobenzene	7.551	146	332498	43.639	ng	99
13) 1,4-Dichlorobenzene	7.698	146	337521	43.595	ng	100
14) 1,2-Dichlorobenzene	8.010	146	324486	43.475	ng	98
15) Benzyl Alcohol	7.916	79	276804	43.279	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	469414m	42.817	ng	
17) 2-Methylphenol	8.110	107	256019	39.329	ng	99
18) Hexachloroethane	8.722	117	132265	43.819	ng	99
19) n-Nitroso-di-n-propyla...	8.475	70	228038	40.349	ng	96
20) 3+4-Methylphenols	8.440	107	352509	40.073	ng	98
22) Acetophenone	8.493	105	455741	43.764	ng	98
24) Nitrobenzene	8.869	77	354246	42.575	ng	99
25) Isophorone	9.392	82	613963	44.703	ng	99
26) 2-Nitrophenol	9.569	139	165294	45.070	ng	98
27) 2,4-Dimethylphenol	9.634	122	209678	34.822	ng	98
28) bis(2-Chloroethoxy)met...	9.875	93	370426	42.902	ng	100
29) 2,4-Dichlorophenol	10.098	162	268821	46.001	ng	99
30) 1,2,4-Trichlorobenzene	10.310	180	277995	45.205	ng	97
31) Naphthalene	10.492	128	909912	43.142	ng	100
32) Benzoic acid	9.781	122	218816	48.410	ng	98
33) 4-Chloroaniline	10.622	127	196724	22.630	ng	98
34) Hexachlorobutadiene	10.763	225	159094	43.573	ng	97
35) Caprolactam	11.422	113	88105m	51.749	ng	
36) 4-Chloro-3-methylphenol	11.745	107	282554	46.498	ng	98
37) 2-Methylnaphthalene	12.116	142	581495	42.015	ng	99
38) 1-Methylnaphthalene	12.333	142	543701	42.148	ng	98
40) 1,2,4,5-Tetrachloroben...	12.481	216	282365	43.557	ng	99
41) Hexachlorocyclopentadiene	12.451	237	271832	78.132	ng	98
43) 2,4,6-Trichlorophenol	12.733	196	195970	45.169	ng	98

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44) 2,4,5-Trichlorophenol	12.810	196	213781	42.786	ng	96
46) 1,1'-Biphenyl	13.139	154	725783	43.268	ng	99
47) 2-Chloronaphthalene	13.180	162	561176	44.476	ng	98
48) 2-Nitroaniline	13.404	65	204363	46.761	ng	98
49) Acenaphthylene	14.033	152	942488	47.129	ng	100
50) Dimethylphthalate	13.786	163	665886	45.688	ng	98
51) 2,6-Dinitrotoluene	13.910	165	147432	46.677	ng	96
52) Acenaphthene	14.380	154	514900	43.522	ng	98
53) 3-Nitroaniline	14.239	138	157661	43.819	ng	98
54) 2,4-Dinitrophenol	14.451	184	190194	96.492	ng	95
55) Dibenzofuran	14.716	168	819482	44.149	ng	98
56) 4-Nitrophenol	14.557	139	311504	112.496	ng	98
57) 2,4-Dinitrotoluene	14.704	165	205624	51.886	ng	99
58) Fluorene	15.369	166	664874	46.612	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.945	232	172433	48.365	ng	99
60) Diethylphthalate	15.157	149	676450	49.435	ng	100
61) 4-Chlorophenyl-phenyle...	15.369	204	306207	45.241	ng	98
62) 4-Nitroaniline	15.410	138	176924m	51.203	ng	
63) Azobenzene	15.663	77	738208	48.411	ng	99
65) 4,6-Dinitro-2-methylph...	15.463	198	118541	47.326	ng	98
66) n-Nitrosodiphenylamine	15.592	169	549690	41.199	ng	98
67) 4-Bromophenyl-phenylether	16.269	248	183217	41.583	ng	98
68) Hexachlorobenzene	16.369	284	217844	45.677	ng	98
69) Atrazine	16.551	200	181067	49.653	ng	99
70) Pentachlorophenol	16.721	266	318668	100.952	ng	99
71) Phenanthrene	17.116	178	1096832	48.847	ng	99
72) Anthracene	17.204	178	1035248	45.645	ng	98
73) Carbazole	17.486	167	998419	49.298	ng	99
74) Di-n-butylphthalate	18.051	149	1176575	52.899	ng	99
75) Fluoranthene	19.139	202	1317741	58.791	ng	99
77) Benzidine	19.345	184	690505	74.187	ng	100
78) Pyrene	19.504	202	1458059	42.387	ng	100
80) Butylbenzylphthalate	20.421	149	584722	46.738	ng	99
81) Benzo(a)anthracene	21.256	228	1456721	48.411	ng	99
82) 3,3'-Dichlorobenzidine	21.198	252	485288	46.509	ng	99
83) Chrysene	21.309	228	1378918	47.813	ng	99
84) Bis(2-ethylhexyl)phtha...	21.198	149	866907	50.837	ng	98
85) Di-n-octyl phthalate	22.086	149	1598257	55.387	ng	100
87) Indeno(1,2,3-cd)pyrene	25.768	276	1883006	46.331	ng	99
88) Benzo(b)fluoranthene	22.839	252	1566608	51.672	ng	99
89) Benzo(k)fluoranthene	22.880	252	1505165	49.439	ng	99
90) Benzo(a)pyrene	23.409	252	1476156	47.976	ng	99
91) Dibenzo(a,h)anthracene	25.780	278	1504994	44.712	ng	99
92) Benzo(g,h,i)perylene	26.450	276	1479064	42.233	ng	99

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

