

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060776.D
 Acq On : 4 Apr 2024 13:30
 Operator : MA/JU
 Sample : P1952-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 04/05/2024

Supervised By :mohammad
 ahmed
 04/08/2024

Quant Time: Apr 05 00:56:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	62422	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	248414	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	185966	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	425397	20.000	ng	0.00
76) Chrysene-d12	21.601	240	431781	20.000	ng	0.00
86) Perylene-d12	24.745	264	515717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	360067	96.093	ng	0.00
7) Phenol-d6	7.118	99	495395	89.066	ng	0.00
23) Nitrobenzene-d5	9.110	82	311480	71.548	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	247045	117.027	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	543706	42.909	ng	0.00
79) Terphenyl-d14	19.956	244	1199982	48.936	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	69968	45.544	ng	98
3) Pyridine	3.846	79	185879	40.112	ng	92
4) n-Nitrosodimethylamine	3.764	42	142192	51.334	ng	98
6) Aniline	7.277	93	135789	19.333	ng	99
8) 2-Chlorophenol	7.524	128	188131	44.286	ng	96
9) Benzaldehyde	7.095	77	21877m	7.133	ng	
10) Phenol	7.148	94	250380	44.109	ng	98
11) bis(2-Chloroethyl)ether	7.377	93	175442	38.281	ng	98
12) 1,3-Dichlorobenzene	7.847	146	195206	44.188	ng	98
13) 1,4-Dichlorobenzene	7.994	146	198655	44.077	ng	99
14) 1,2-Dichlorobenzene	8.311	146	192863	43.666	ng	97
15) Benzyl Alcohol	8.188	79	180031	39.959	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.476	45	422205	40.821	ng	99
17) 2-Methylphenol	8.393	107	165422	38.603	ng	96
18) Hexachloroethane	9.040	117	71914	44.927	ng	91
19) n-Nitroso-di-n-propyla...	8.764	70	153429	36.172	ng	# 98
20) 3+4-Methylphenols	8.722	107	222792	37.967	ng	94
22) Acetophenone	8.775	105	290646	42.432	ng	# 98
24) Nitrobenzene	9.151	77	221119	45.767	ng	98
25) Isophorone	9.680	82	403140	40.205	ng	98
26) 2-Nitrophenol	9.862	139	96306	55.073	ng	94
27) 2,4-Dimethylphenol	9.927	122	144538	35.884	ng	96
28) bis(2-Chloroethoxy)met...	10.162	93	235062	39.707	ng	99
29) 2,4-Dichlorophenol	10.397	162	179985	48.661	ng	99
30) 1,2,4-Trichlorobenzene	10.614	180	194778	46.505	ng	97
31) Naphthalene	10.802	128	568438	42.302	ng	100
32) Benzoic acid	10.056	122	148903	54.486	ng	91
33) 4-Chloroaniline	10.902	127	87871	14.079	ng	96
34) Hexachlorobutadiene	11.096	225	132860	47.598	ng	98
35) Caprolactam	11.678	113	61599m	42.049	ng	
36) 4-Chloro-3-methylphenol	12.030	107	211453	44.751	ng	96
37) 2-Methylnaphthalene	12.412	142	395836	40.067	ng	99
38) 1-Methylnaphthalene	12.630	142	371474	39.802	ng	98
40) 1,2,4,5-Tetrachloroben...	12.777	216	243274	45.503	ng	99
41) Hexachlorocyclopentadiene	12.765	237	279260	102.726	ng	99
43) 2,4,6-Trichlorophenol	13.017	196	171134	49.711	ng	99

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44) 2,4,5-Trichlorophenol	13.088	196	190748	46.430	ng	97
46) 1,1'-Biphenyl	13.423	154	556110	42.337	ng	99
47) 2-Chloronaphthalene	13.464	162	442295	44.318	ng	98
48) 2-Nitroaniline	13.658	65	169607	51.721	ng	96
49) Acenaphthylene	14.310	152	738724	44.054	ng	99
50) Dimethylphthalate	14.046	163	594115	40.419	ng	99
51) 2,6-Dinitrotoluene	14.157	165	120979	46.116	ng	95
52) Acenaphthene	14.651	154	506145m	48.074	ng	
53) 3-Nitroaniline	14.480	138	68573	25.192	ng	94
54) 2,4-Dinitrophenol	14.686	184	153415	149.947	ng	86
55) Dibenzofuran	14.986	168	683535	41.159	ng	100
56) 4-Nitrophenol	14.792	139	238198	110.851	ng	98
57) 2,4-Dinitrotoluene	14.945	165	181262	52.403	ng	94
58) Fluorene	15.638	166	557544	41.831	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	177879	49.683	ng	99
60) Diethylphthalate	15.415	149	597411	40.398	ng	99
61) 4-Chlorophenyl-phenyle...	15.632	204	291237	41.302	ng	99
62) 4-Nitroaniline	15.650	138	132677	49.370	ng	98
63) Azobenzene	15.926	77	586334	40.688	ng	97
65) 4,6-Dinitro-2-methylph...	15.708	198	109887	60.455	ng	93
66) n-Nitrosodiphenylamine	15.843	169	533612	43.896	ng	97
67) 4-Bromophenyl-phenylether	16.525	248	200092	46.347	ng	99
68) Hexachlorobenzene	16.643	284	229507	47.092	ng	97
69) Atrazine	16.801	200	205026	48.230	ng	97
70) Pentachlorophenol	16.983	266	323764	101.812	ng	98
71) Phenanthrene	17.377	178	962882	43.522	ng	100
72) Anthracene	17.471	178	989498	44.040	ng	99
73) Carbazole	17.735	167	886573	44.754	ng	98
74) Di-n-butylphthalate	18.317	149	1068959	43.282	ng	99
75) Fluoranthene	19.386	202	1213882	45.216	ng	98
77) Benzidine	19.569	184	508622	44.735	ng	98
78) Pyrene	19.751	202	1272798	42.149	ng	99
80) Butylbenzylphthalate	20.656	149	502756	45.640	ng	100
81) Benzo(a)anthracene	21.578	228	1324430	43.515	ng	99
82) 3,3'-Dichlorobenzidine	21.496	252	270268	26.299	ng	97
83) Chrysene	21.648	228	1267967	43.223	ng	99
84) Bis(2-ethylhexyl)phtha...	21.525	149	755569	43.034	ng	98
85) Di-n-octyl phthalate	22.724	149	1330074	46.501	ng	99
87) Indeno(1,2,3-cd)pyrene	28.323	276	1645975	45.323	ng	97
88) Benzo(b)fluoranthene	23.758	252	1346285	45.440	ng	99
89) Benzo(k)fluoranthene	23.822	252	1312154	43.269	ng	99
90) Benzo(a)pyrene	24.604	252	1255663	43.611	ng	99
91) Dibenzo(a,h)anthracene	28.393	278	1351264	44.138	ng	97
92) Benzo(g,h,i)perylene	29.433	276	1276960	42.879	ng	98

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

