

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
 Data File : BG060726.D
 Acq On : 1 Apr 2024 22:19
 Operator : MA/JU
 Sample : P1915-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-A-COMPMS

Quant Time: Apr 02 01:20:28 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :mohammad ahmed 04/02/2024

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 ahmed

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	85707	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	385146	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	264770	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	562895	20.000	ng	# 0.00
76) Chrysene-d12	21.601	240	499166	20.000	ng	0.00
86) Perylene-d12	24.739	264	578085	20.000	ng	0.00

04/02/2024

System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	549988	106.901	ng	0.00
7) Phenol-d6	7.118	99	820906	107.492	ng	0.00
23) Nitrobenzene-d5	9.110	82	507896	75.248	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	337497	112.291	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	1116039	61.862	ng	0.00
79) Terphenyl-d14	19.956	244	1703254	60.083	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	72731	34.480	ng	97
3) Pyridine	3.846	79	200345	31.488	ng	97
4) n-Nitrosodimethylamine	3.764	42	148383	39.015	ng	99
6) Aniline	7.283	93	187942	19.488	ng	99
8) 2-Chlorophenol	7.524	128	313580	53.763	ng	98
9) Benzaldehyde	7.089	77	44385m	10.540	ng	
10) Phenol	7.148	94	413537	53.059	ng	98
11) bis(2-Chloroethyl)ether	7.383	93	278086	44.193	ng	99
12) 1,3-Dichlorobenzene	7.847	146	307818	50.749	ng	95
13) 1,4-Dichlorobenzene	7.994	146	320013	51.713	ng	98
14) 1,2-Dichlorobenzene	8.311	146	314215	51.813	ng	99
15) Benzyl Alcohol	8.194	79	296061	47.859	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.482	45	679909	47.878	ng	99
17) 2-Methylphenol	8.393	107	276612	47.013	ng	97
18) Hexachloroethane	9.040	117	120221	54.701	ng	96
19) n-Nitroso-di-n-propyla...	8.764	70	248231	42.623	ng	# 98
20) 3+4-Methylphenols	8.722	107	387419	48.085	ng	94
22) Acetophenone	8.775	105	488879	46.034	ng	100
24) Nitrobenzene	9.151	77	362562	48.242	ng	99
25) Isophorone	9.680	82	696405	44.796	ng	99
26) 2-Nitrophenol	9.862	139	153325	56.275	ng	96
27) 2,4-Dimethylphenol	9.927	122	248230	39.749	ng	99
28) bis(2-Chloroethoxy)met...	10.168	93	414688	45.181	ng	100
29) 2,4-Dichlorophenol	10.397	162	315111	54.948	ng	96
30) 1,2,4-Trichlorobenzene	10.620	180	352194	54.237	ng	97
31) Naphthalene	10.808	128	1043714	50.096	ng	99
32) Benzoic acid	10.080	122	234915	55.322	ng	94
33) 4-Chloroaniline	10.902	127	141574	14.630	ng	99
34) Hexachlorobutadiene	11.102	225	228434	52.784	ng	97
35) Caprolactam	11.684	113	101018m	44.476	ng	
36) 4-Chloro-3-methylphenol	12.030	107	355921	48.584	ng	100
37) 2-Methylnaphthalene	12.412	142	724330	47.289	ng	97
38) 1-Methylnaphthalene	12.630	142	674502	46.614	ng	96
40) 1,2,4,5-Tetrachloroben...	12.782	216	423789	55.675	ng	99
41) Hexachlorocyclopentadiene	12.765	237	274147	70.831	ng	99
43) 2,4,6-Trichlorophenol	13.017	196	284948	58.137	ng	95

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44) 2,4,5-Trichlorophenol	13.088	196	303019	51.805	ng	98	04/02/2024
46) 1,1'-Biphenyl	13.423	154	956276	51.133	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	13.464	162	758074	53.352	ng	97	
48) 2-Nitroaniline	13.658	65	249530	53.177	ng	99	
49) Acenaphthylene	14.310	152	1225438	51.328	ng	99	
50) Dimethylphthalate	14.051	163	941983	45.011	ng	99	
51) 2,6-Dinitrotoluene	14.157	165	188674	50.182	ng	96	04/02/2024
52) Acenaphthene	14.651	154	773006	51.568	ng	99	
53) 3-Nitroaniline	14.480	138	149290	37.013	ng	98	
54) 2,4-Dinitrophenol	14.686	184	118427	81.299	ng	87	
55) Dibenzofuran	14.986	168	1149731	48.626	ng	98	
56) 4-Nitrophenol	14.792	139	354735	115.949	ng	93	
57) 2,4-Dinitrotoluene	14.945	165	264883	53.635	ng	97	
58) Fluorene	15.638	166	915091	48.223	ng	97	
59) 2,3,4,6-Tetrachlorophenol	15.209	232	269261	52.822	ng	100	
60) Diethylphthalate	15.420	149	923155	43.845	ng	99	
61) 4-Chlorophenyl-phenyle...	15.632	204	456116	45.433	ng	96	
62) 4-Nitroaniline	15.650	138	185452	48.468	ng	99	
63) Azobenzene	15.926	77	952818	46.441	ng	97	
65) 4,6-Dinitro-2-methylph...	15.708	198	91324	40.586	ng	96	
66) n-Nitrosodiphenylamine	15.843	169	819910	50.972	ng	99	
67) 4-Bromophenyl-phenylether	16.525	248	305201	53.426	ng	97	
68) Hexachlorobenzene	16.643	284	346113	53.671	ng	98	
69) Atrazine	16.801	200	301274	53.560	ng	99	
70) Pentachlorophenol	16.983	266	472451	112.278	ng	99	
71) Phenanthrene	17.377	178	1948569	66.561	ng	98	
72) Anthracene	17.465	178	1583967	53.277	ng	100	
73) Carbazole	17.735	167	1361741	51.949	ng	99	
74) Di-n-butylphthalate	18.317	149	1600582	48.977	ng	99	
75) Fluoranthene	19.392	202	2386779	67.188	ng	97	
77) Benzidine	19.569	184	283816	21.593	ng	98	
78) Pyrene	19.751	202	2394929	68.602	ng	97	
80) Butylbenzylphthalate	20.656	149	736638	57.844	ng	99	
81) Benzo(a)anthracene	21.584	228	2215696	62.971	ng	98	
82) 3,3'-Dichlorobenzidine	21.502	252	388167	32.672	ng	98	
83) Chrysene	21.648	228	2044567	60.287	ng	97	
84) Bis(2-ethylhexyl)phtha...	21.531	149	1280958	63.108	ng	97	
85) Di-n-octyl phthalate	22.735	149	1869486	56.536	ng	98	
87) Indeno(1,2,3-cd)pyrene	28.317	276	1935766	47.551	ng	# 91	
88) Benzo(b)fluoranthene	23.758	252	2174038	65.462	ng	99	
89) Benzo(k)fluoranthene	23.822	252	2061628	60.649	ng	99	
90) Benzo(a)pyrene	24.604	252	1990817	61.684	ng	97	
91) Dibenzo(a,h)anthracene	28.388	278	1375742	40.090	ng	99	
92) Benzo(g,h,i)perylene	29.422	276	1248561	37.402	ng	99	

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

