

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062683.D
 Acq On : 6 Sep 2024 16:22
 Operator : MA/JU
 Sample : P3857-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-C2-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 06 17:31:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	84579	20.000	ng	0.00
21) Naphthalene-d8	10.702	136	344103	20.000	ng	-0.01
39) Acenaphthene-d10	14.533	164	261494	20.000	ng	-0.01
64) Phenanthrene-d10	17.283	188	635719	20.000	ng	0.00
76) Chrysene-d12	21.525	240	634972	20.000	ng	0.00
86) Perylene-d12	24.592	264	753696	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	439286	89.777	ng	-0.01
7) Phenol-d6	7.077	99	632837	89.526	ng	-0.01
23) Nitrobenzene-d5	9.063	82	393844	61.641	ng	-0.01
42) 2,4,6-Tribromophenol	16.025	330	388176	105.481	ng	0.00
45) 2-Fluorobiphenyl	13.158	172	1004830	62.243	ng	-0.01
79) Terphenyl-d14	19.897	244	1962017	61.268	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	79070	38.790	ng	98
3) Pyridine	3.787	79	214682	36.553	ng	98
4) n-Nitrosodimethylamine	3.704	42	123437	43.231	ng	95
6) Aniline	7.235	93	246534	37.330	ng	97
8) 2-Chlorophenol	7.476	128	249961	47.582	ng	97
9) Benzaldehyde	7.047	77	67263	16.358	ng	93
10) Phenol	7.106	94	330793	46.225	ng	95
11) bis(2-Chloroethyl)ether	7.330	93	231205	42.199	ng	98
12) 1,3-Dichlorobenzene	7.800	146	252945	43.877	ng	96
13) 1,4-Dichlorobenzene	7.946	146	258996	43.655	ng	97
14) 1,2-Dichlorobenzene	8.264	146	252224	43.251	ng	97
15) Benzyl Alcohol	8.146	79	242250	46.318	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	427677	40.957	ng	100
17) 2-Methylphenol	8.352	107	223405	44.787	ng	97
18) Hexachloroethane	8.986	117	96887	43.554	ng	91
19) n-Nitroso-di-n-propyla...	8.710	70	206901	37.145	ng	99
20) 3+4-Methylphenols	8.675	107	310157	42.146	ng	95
22) Acetophenone	8.728	105	381477	41.094	ng	# 98
24) Nitrobenzene	9.104	77	301588	44.394	ng	100
25) Isophorone	9.627	82	566050	40.359	ng	98
26) 2-Nitrophenol	9.815	139	135000	52.593	ng	99
27) 2,4-Dimethylphenol	9.879	122	212935	56.615	ng	99
28) bis(2-Chloroethoxy)met...	10.109	93	327815	43.662	ng	99
29) 2,4-Dichlorophenol	10.349	162	273024	51.918	ng	99
30) 1,2,4-Trichlorobenzene	10.567	180	288443	46.270	ng	98
31) Naphthalene	10.755	128	790089	46.324	ng	99
32) Benzoic acid	10.020	122	162840	40.256	ng	97
33) 4-Chloroaniline	10.855	127	121451	18.095	ng	97
34) Hexachlorobutadiene	11.043	225	212808	48.876	ng	98
35) Caprolactam	11.630	113	85490m	42.170	ng	
36) 4-Chloro-3-methylphenol	11.983	107	289988	45.717	ng	99
37) 2-Methylnaphthalene	12.359	142	590742	44.656	ng	97
38) 1-Methylnaphthalene	12.576	142	554514	41.746	ng	100
40) 1,2,4,5-Tetrachloroben...	12.729	216	390826	49.698	ng	99
41) Hexachlorocyclopentadiene	12.711	237	437865	195.152	ng	96
43) 2,4,6-Trichlorophenol	12.964	196	263798	52.915	ng	99

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44) 2,4,5-Trichlorophenol	13.040	196	289711	51.315	ng	99	09/07/2024
46) 1,1'-Biphenyl	13.369	154	812532	46.576	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	13.411	162	654762	46.310	ng	100	ahmed
48) 2-Nitroaniline	13.610	65	200157	53.825	ng	96	
49) Acenaphthylene	14.257	152	1046377	49.976	ng	98	
50) Dimethylphthalate	13.992	163	870540	45.528	ng	99	
51) 2,6-Dinitrotoluene	14.110	165	180806	49.992	ng	94	09/07/2024
52) Acenaphthene	14.603	154	630280	48.154	ng	97	
53) 3-Nitroaniline	14.439	138	114161	32.621	ng	97	
54) 2,4-Dinitrophenol	14.644	184	253127	124.714	ng	97	
55) Dibenzofuran	14.932	168	1080182	48.122	ng	97	
56) 4-Nitrophenol	14.756	139	311740	105.111	ng	96	
57) 2,4-Dinitrotoluene	14.897	165	262385	53.171	ng	98	
58) Fluorene	15.585	166	822911	46.713	ng	99	
59) 2,3,4,6-Tetrachlorophenol	15.162	232	287236	53.706	ng	96	
60) Diethylphthalate	15.355	149	849484	44.824	ng	99	
61) 4-Chlorophenyl-phenyle...	15.579	204	478914	47.356	ng	97	
62) 4-Nitroaniline	15.602	138	189080	49.001	ng	98	
63) Azobenzene	15.872	77	863962	48.549	ng	97	
65) 4,6-Dinitro-2-methylph...	15.661	198	168612	59.433	ng	98	
66) n-Nitrosodiphenylamine	15.790	169	760025	49.726	ng	100	
67) 4-Bromophenyl-phenylether	16.472	248	336250	51.249	ng	96	
68) Hexachlorobenzene	16.589	284	390055	50.199	ng	97	
69) Atrazine	16.742	200	327042	62.998	ng	98	
70) Pentachlorophenol	16.930	266	497899	100.046	ng	99	
71) Phenanthrene	17.324	178	1545868	52.097	ng	99	
72) Anthracene	17.412	178	1499192	51.387	ng	99	
73) Carbazole	17.682	167	1250029	46.608	ng	99	
74) Di-n-butylphthalate	18.246	149	1462321	48.346	ng	100	
75) Fluoranthene	19.333	202	1874964	49.961	ng	98	
77) Benzidine	19.515	184	750292	65.558	ng	99	
78) Pyrene	19.697	202	1935827	47.960	ng	98	
80) Butylbenzylphthalate	20.590	149	619863	52.284	ng	97	
81) Benzo(a)anthracene	21.507	228	1974538	49.303	ng	99	
82) 3,3'-Dichlorobenzidine	21.425	252	365653	28.027	ng	98	
83) Chrysene	21.572	228	1872509	48.812	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.425	149	909588	50.501	ng	97	
85) Di-n-octyl phthalate	22.588	149	1591541	50.467	ng	99	
87) Indeno(1,2,3-cd)pyrene	28.058	276	2471977	51.149	ng	97	
88) Benzo(b)fluoranthene	23.628	252	2008814	48.254	ng	98	
89) Benzo(k)fluoranthene	23.687	252	1942386	47.699	ng	99	
90) Benzo(a)pyrene	24.451	252	1891885	51.442	ng	99	
91) Dibenzo(a,h)anthracene	28.111	278	2004618	50.352	ng	97	
92) Benzo(g,h,i)perylene	29.139	276	1851478	46.120	ng	98	

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

