

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061225.D
 Acq On : 16 May 2024 18:01
 Operator : MA/JU
 Sample : P2476-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1-COMPMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2024
 Supervised By :mohammad ahmed 05/18/2024

Quant Time: May 16 18:40:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	25279	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	104011	20.000	ng	#-0.03
39) Acenaphthene-d10	14.556	164	82588	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	189250	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	188406	20.000	ng	-0.03
86) Perylene-d12	24.685	264	228398	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	155002	124.702	ng	-0.02
7) Phenol-d6	7.112	99	213381	116.046	ng	-0.02
23) Nitrobenzene-d5	9.086	82	154421	73.598	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	159243	96.465	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	394659	70.663	ng	-0.03
79) Terphenyl-d14	19.926	244	717082	63.300	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	17196	34.215	ng	98
3) Pyridine	3.827	79	48120	32.538	ng	97
4) n-Nitrosodimethylamine	3.739	42	53580	37.709	ng	95
6) Aniline	7.253	93	55432	30.409	ng	# 94
8) 2-Chlorophenol	7.500	128	72472	47.525	ng	98
9) Benzaldehyde	7.065	77	17159	14.741	ng	87
10) Phenol	7.141	94	91156	48.748	ng	92
11) bis(2-Chloroethyl)ether	7.353	93	57510	44.519	ng	96
12) 1,3-Dichlorobenzene	7.817	146	74466	41.422	ng	92
13) 1,4-Dichlorobenzene	7.964	146	77777	41.860	ng	97
14) 1,2-Dichlorobenzene	8.281	146	76322	42.577	ng	96
15) Benzyl Alcohol	8.169	79	75938	45.781	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.445	45	143481m	51.187	ng	
17) 2-Methylphenol	8.381	107	61032	45.800	ng	99
18) Hexachloroethane	9.004	117	28601	43.140	ng	95
19) n-Nitroso-di-n-propyla...	8.733	70	57876	42.059	ng	91
20) 3+4-Methylphenols	8.710	107	85998	44.731	ng	98
22) Acetophenone	8.745	105	115361	44.536	ng	# 97
24) Nitrobenzene	9.127	77	89698	43.700	ng	98
25) Isophorone	9.650	82	159929	41.235	ng	97
26) 2-Nitrophenol	9.838	139	43900	45.142	ng	97
27) 2,4-Dimethylphenol	9.903	122	57894	51.636	ng	96
28) bis(2-Chloroethoxy)met...	10.132	93	86026	45.194	ng	96
29) 2,4-Dichlorophenol	10.379	162	82357	46.881	ng	96
30) 1,2,4-Trichlorobenzene	10.584	180	90512	42.761	ng	99
31) Naphthalene	10.772	128	235737	43.609	ng	98
32) Benzoic acid	10.085	122	33861m	26.125	ng	
33) 4-Chloroaniline	10.884	127	54602m	25.327	ng	
34) Hexachlorobutadiene	11.054	225	76036	41.865	ng	97
35) Caprolactam	11.677	113	24074m	38.054	ng	
36) 4-Chloro-3-methylphenol	12.024	107	92701	43.762	ng	95
37) 2-Methylnaphthalene	12.382	142	171350	42.300	ng	99
38) 1-Methylnaphthalene	12.599	142	158281	38.813	ng	98
40) 1,2,4,5-Tetrachloroben...	12.752	216	134199	48.690	ng	99
41) Hexachlorocyclopentadiene	12.729	237	85311	80.855	ng	93
43) 2,4,6-Trichlorophenol	12.999	196	81398	46.000	ng	98

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44) 2,4,5-Trichlorophenol	13.081	196	85797	42.841	ng	96
46) 1,1'-Biphenyl	13.393	154	246970	46.638	ng	98
47) 2-Chloronaphthalene	13.434	162	192792	45.467	ng	96
48) 2-Nitroaniline	13.639	65	75645	48.075	ng	94
49) Acenaphthylene	14.280	152	319202	49.013	ng	99
50) Dimethylphthalate	14.015	163	269960	42.320	ng	99
51) 2,6-Dinitrotoluene	14.139	165	57463	42.114	ng	94
52) Acenaphthene	14.621	154	178520	43.941	ng	98
53) 3-Nitroaniline	14.468	138	39446	31.596	ng	97
54) 2,4-Dinitrophenol	14.685	184	50913	53.394	ng	96
55) Dibenzofuran	14.961	168	306404	44.650	ng	98
56) 4-Nitrophenol	14.803	139	73112	72.463	ng	96
57) 2,4-Dinitrotoluene	14.932	165	82074	40.657	ng	# 97
58) Fluorene	15.608	166	252708	42.557	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.191	232	88181m	42.774	ng	
60) Diethylphthalate	15.379	149	258963	40.257	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	148809	41.735	ng	96
62) 4-Nitroaniline	15.631	138	51786	38.245	ng	94
63) Azobenzene	15.896	77	228579	45.647	ng	97
65) 4,6-Dinitro-2-methylph...	15.702	198	44765	38.124	ng	96
66) n-Nitrosodiphenylamine	15.819	169	228864	48.767	ng	98
67) 4-Bromophenyl-phenylether	16.495	248	108782	48.794	ng	95
68) Hexachlorobenzene	16.618	284	126997	45.768	ng	99
69) Atrazine	16.771	200	97279	50.262	ng	97
70) Pentachlorophenol	16.965	266	113017	66.297	ng	97
71) Phenanthrene	17.347	178	417683	48.269	ng	99
72) Anthracene	17.441	178	410030	47.487	ng	98
73) Carbazole	17.711	167	342884	45.165	ng	100
74) Di-n-butylphthalate	18.269	149	401326	44.457	ng	100
75) Fluoranthene	19.362	202	518764	43.760	ng	99
77) Benzidine	19.544	184	144448	40.739	ng	97
78) Pyrene	19.726	202	528539	44.125	ng	100
80) Butylbenzylphthalate	20.614	149	175932	46.400	ng	99
81) Benzo(a)anthracene	21.548	228	563491	45.705	ng	99
82) 3,3'-Dichlorobenzidine	21.465	252	153078	34.502	ng	100
83) Chrysene	21.612	228	536545	46.451	ng	98
84) Bis(2-ethylhexyl)phtha...	21.460	149	249113	50.314	ng	98
85) Di-n-octyl phthalate	22.635	149	423225	48.450	ng	97
87) Indeno(1,2,3-cd)pyrene	28.240	276	711019	46.974	ng	99
88) Benzo(b)fluoranthene	23.704	252	558660	43.772	ng	98
89) Benzo(k)fluoranthene	23.763	252	560016m	45.610	ng	
90) Benzo(a)pyrene	24.544	252	530304	47.692	ng	99
91) Dibenzo(a,h)anthracene	28.299	278	584864	46.658	ng	# 98
92) Benzo(g,h,i)perylene	29.356	276	539667	43.324	ng	98

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

