

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061075.D
 Acq On : 1 May 2024 14:00
 Operator : MA/JU
 Sample : P2307-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 01 14:45:36 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	7.935	152	34547	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	130964	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	92861	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	200402	20.000	ng	-0.02
76) Chrysene-d12	21.584	240	199621	20.000	ng	0.00
86) Perylene-d12	24.709	264	253763	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	151457	89.161	ng	-0.02
7) Phenol-d6	7.112	99	200640	79.844	ng	-0.02
23) Nitrobenzene-d5	9.087	82	145525	55.084	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	147045	79.221	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	386708	61.579	ng	-0.03
79) Terphenyl-d14	19.933	244	639639	53.291	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	18329	26.686	ng	89
3) Pyridine	3.828	79	58032	28.713	ng	93
4) n-Nitrosodimethylamine	3.746	42	66673	34.335	ng	99
6) Aniline	7.259	93	68367	27.444	ng	# 97
8) 2-Chlorophenol	7.506	128	90961	43.647	ng	95
9) Benzaldehyde	7.071	77	49535	35.676	ng	97
10) Phenol	7.136	94	108589	42.492	ng	92
11) bis(2-Chloroethyl)ether	7.359	93	71301	40.388	ng	93
12) 1,3-Dichlorobenzene	7.823	146	102808	41.846	ng	95
13) 1,4-Dichlorobenzene	7.970	146	105649	41.607	ng	98
14) 1,2-Dichlorobenzene	8.287	146	101336	41.365	ng	97
15) Benzyl Alcohol	8.170	79	91602	40.410	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	168037	43.865	ng	99
17) 2-Methylphenol	8.382	107	76527	42.021	ng	96
18) Hexachloroethane	9.010	117	37821	41.743	ng	96
19) n-Nitroso-di-n-propyla...	8.740	70	68977	36.679	ng	95
20) 3+4-Methylphenols	8.705	107	106344	40.474	ng	98
22) Acetophenone	8.752	105	146683	44.974	ng	# 98
24) Nitrobenzene	9.134	77	108839	42.112	ng	94
25) Isophorone	9.656	82	189090	38.720	ng	97
26) 2-Nitrophenol	9.839	139	54863	44.804	ng	94
27) 2,4-Dimethylphenol	9.909	122	68844	48.766	ng	94
28) bis(2-Chloroethoxy)met...	10.138	93	104581	43.634	ng	96
29) 2,4-Dichlorophenol	10.379	162	101309	45.801	ng	95
30) 1,2,4-Trichlorobenzene	10.591	180	121692	45.659	ng	96
31) Naphthalene	10.779	128	307318	45.151	ng	98
32) Benzoic acid	10.062	122	63721m	39.046	ng	
33) 4-Chloroaniline	10.884	127	50563	18.627	ng	94
34) Hexachlorobutadiene	11.067	225	104145	45.541	ng	97
35) Caprolactam	11.666	113	27190m	34.134	ng	
36) 4-Chloro-3-methylphenol	12.018	107	106273	39.844	ng	99
37) 2-Methylnaphthalene	12.389	142	217229	42.590	ng	100
38) 1-Methylnaphthalene	12.606	142	203657	39.662	ng	96
40) 1,2,4,5-Tetrachloroben...	12.753	216	169318	54.635	ng	99
41) Hexachlorocyclopentadiene	12.735	237	103347	87.113	ng	93
43) 2,4,6-Trichlorophenol	12.994	196	101243	50.886	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.076	196	108027	47.974	ng	94
46) 1,1'-Biphenyl	13.393	154	305099	51.242	ng	97
47) 2-Chloronaphthalene	13.440	162	232700	48.807	ng	98
48) 2-Nitroaniline	13.640	65	81232	45.914	ng	99
49) Acenaphthylene	14.286	152	436290	59.580	ng	99
50) Dimethylphthalate	14.022	163	305478	42.590	ng	100
51) 2,6-Dinitrotoluene	14.134	165	62727	40.886	ng	95
52) Acenaphthene	14.627	154	230862	50.538	ng	95
53) 3-Nitroaniline	14.463	138	45417	32.354	ng	93
54) 2,4-Dinitrophenol	14.680	184	57896	53.975	ng	97
55) Dibenzofuran	14.962	168	378059	48.997	ng	97
56) 4-Nitrophenol	14.792	139	94383	83.197	ng	93
57) 2,4-Dinitrotoluene	14.927	165	92080	40.568	ng	# 93
58) Fluorene	15.614	166	356219	53.352	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.191	232	102857m	44.373	ng	
60) Diethylphthalate	15.385	149	280469	38.777	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	169607	42.306	ng	94
62) 4-Nitroaniline	15.632	138	54738	35.953	ng	99
63) Azobenzene	15.896	77	238866	42.424	ng	97
65) 4,6-Dinitro-2-methylph...	15.696	198	44555	35.833	ng	97
66) n-Nitrosodiphenylamine	15.820	169	265369	53.399	ng	99
67) 4-Bromophenyl-phenylether	16.501	248	116399	49.305	ng	97
68) Hexachlorobenzene	16.619	284	139081	47.333	ng	98
69) Atrazine	16.778	200	108197	52.793	ng	93
70) Pentachlorophenol	16.966	266	172885	95.772	ng	97
71) Phenanthrene	17.365	178	2042476	222.899	ng	98
72) Anthracene	17.447	178	880263	96.274	ng	98
73) Carbazole	17.718	167	472781	58.809	ng	98
74) Di-n-butylphthalate	18.282	149	423558	44.308	ng	98
75) Fluoranthene	19.386	202	4729412	376.744	ng	83
77) Benzidine	19.551	184	121433	32.901	ng	95
78) Pyrene	19.751	202	4555324	358.938	ng	# 81
80) Butylbenzylphthalate	20.626	149	181320	45.135	ng	94
81) Benzo(a)anthracene	21.566	228	3055531	233.913	ng	92
82) 3,3'-Dichlorobenzidine	21.478	252	152404	32.420	ng	99
83) Chrysene	21.637	228	2739829m	223.871	ng	
84) Bis(2-ethylhexyl)phtha...	21.472	149	260102	49.582	ng	98
85) Di-n-octyl phthalate	22.659	149	452070	48.845	ng	99
87) Indeno(1,2,3-cd)pyrene	28.293	276	2153378	128.045	ng	# 98
88) Benzo(b)fluoranthene	23.746	252	3626633	255.750	ng	100
89) Benzo(k)fluoranthene	23.805	252	1615295	118.406	ng	96
90) Benzo(a)pyrene	24.592	252	2852213	230.871	ng	97
91) Dibenzo(a,h)anthracene	28.340	278	841574	60.427	ng	# 97
92) Benzo(g,h,i)perylene	29.404	276	1925822	139.149	ng	99

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

