

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058836.D
 Acq On : 24 Aug 2023 13:14
 Operator : MA/JU
 Sample : 04090-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-IMS

Quant Time: Aug 24 13:45:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/25/2023
 Supervised By :mohammad ahmed 08/25/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	17669	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	74852	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	53305	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	139752	20.000	ng	0.00
76) Chrysene-d12	21.443	240	121756	20.000	ng	0.00
86) Perylene-d12	24.510	264	151272	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	149995	136.613	ng	0.00
7) Phenol-d6	6.983	99	191733	124.465	ng	0.00
23) Nitrobenzene-d5	8.975	82	133134	85.512	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	120110	143.705	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	313846	85.635	ng	0.00
79) Terphenyl-d14	19.821	244	641966	94.674	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	19579	37.929	ng	# 39
3) Pyridine	3.676	79	49714	36.445	ng	93
4) n-Nitrosodimethylamine	3.582	42	33415	45.058	ng	99
6) Aniline	7.136	93	42130	22.373	ng	98
8) 2-Chlorophenol	7.371	128	58540	52.731	ng	97
9) Benzaldehyde	6.948	77	22771m	26.353	ng	
10) Phenol	7.013	94	70601	47.529	ng	96
11) bis(2-Chloroethyl)ether	7.230	93	52522	45.314	ng	97
12) 1,3-Dichlorobenzene	7.694	146	56204	47.663	ng	95
13) 1,4-Dichlorobenzene	7.841	146	57258	48.017	ng	96
14) 1,2-Dichlorobenzene	8.159	146	55935	48.533	ng	98
15) Benzyl Alcohol	8.053	79	57863	52.537	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.335	45	121291m	49.103	ng	
17) 2-Methylphenol	8.258	107	52285	47.924	ng	98
18) Hexachloroethane	8.881	117	21478	49.436	ng	97
19) n-Nitroso-di-n-propyla...	8.611	70	46385	46.582	ng	95
20) 3+4-Methylphenols	8.587	107	71432	48.700	ng	99
22) Acetophenone	8.629	105	94011	46.397	ng	99
24) Nitrobenzene	9.016	77	69138	44.649	ng	# 96
25) Isophorone	9.533	82	140034	45.229	ng	99
26) 2-Nitrophenol	9.721	139	31175	48.138	ng	96
27) 2,4-Dimethylphenol	9.786	122	53398	48.651	ng	97
28) bis(2-Chloroethoxy)met...	10.015	93	74313	45.312	ng	96
29) 2,4-Dichlorophenol	10.268	162	58388	51.769	ng	97
30) 1,2,4-Trichlorobenzene	10.468	180	62537	45.917	ng	96
31) Naphthalene	10.656	128	178194	45.340	ng	99
32) Benzoic acid	9.956	122	7917m	16.096	ng	
33) 4-Chloroaniline	10.785	127	10780	6.504	ng	# 97
34) Hexachlorobutadiene	10.938	225	41861	45.541	ng	98
35) Caprolactam	11.555	113	18234m	45.117	ng	
36) 4-Chloro-3-methylphenol	11.907	107	72276	51.531	ng	99
37) 2-Methylnaphthalene	12.271	142	125504	44.461	ng	97
38) 1-Methylnaphthalene	12.489	142	122468m	45.705	ng	
40) 1,2,4,5-Tetrachloroben...	12.642	216	76457	46.526	ng	99
41) Hexachlorocyclopentadiene	12.618	237	54422	83.723	ng	92
43) 2,4,6-Trichlorophenol	12.888	196	54784	52.392	ng	99

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44) 2,4,5-Trichlorophenol	12.971	196	60685	48.464	ng	99
46) 1,1'-Biphenyl	13.282	154	171016	46.572	ng	98
47) 2-Chloronaphthalene	13.329	162	138920	48.546	ng	98
48) 2-Nitroaniline	13.540	65	53500	49.226	ng	96
49) Acenaphthylene	14.175	152	233561	49.216	ng	99
50) Dimethylphthalate	13.911	163	200089	48.480	ng	99
51) 2,6-Dinitrotoluene	14.040	165	43140	49.753	ng	95
52) Acenaphthene	14.522	154	131391	47.379	ng	100
53) 3-Nitroaniline	14.369	138	17263	20.642	ng	83
54) 2,4-Dinitrophenol	14.592	184	28454	60.546	ng	95
55) Dibenzofuran	14.857	168	227533	47.564	ng	98
56) 4-Nitrophenol	14.692	139	56748	93.029	ng	97
57) 2,4-Dinitrotoluene	14.833	165	63927	52.859	ng	# 98
58) Fluorene	15.503	166	186468	48.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	57644	56.414	ng	97
60) Diethylphthalate	15.274	149	206329	48.487	ng	98
61) 4-Chlorophenyl-phenyle...	15.497	204	103177	48.895	ng	99
62) 4-Nitroaniline	15.538	138	43554	51.319	ng	90
63) Azobenzene	15.791	77	188387	48.213	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	28586	36.188	ng	97
66) n-Nitrosodiphenylamine	15.714	169	168351	46.739	ng	99
67) 4-Bromophenyl-phenylether	16.390	248	71263	46.469	ng	98
68) Hexachlorobenzene	16.508	284	81216	49.206	ng	99
69) Atrazine	16.666	200	72259	56.686	ng	99
70) Pentachlorophenol	16.860	266	64221	74.203	ng	99
71) Phenanthrene	17.242	178	318235	47.433	ng	99
72) Anthracene	17.336	178	321495	47.778	ng	99
73) Carbazole	17.612	167	307451	49.896	ng	99
74) Di-n-butylphthalate	18.159	149	384479	49.462	ng	100
75) Fluoranthene	19.257	202	400124	48.092	ng	99
77) Benzidine	19.451	184	54138	24.810	ng	97
78) Pyrene	19.622	202	413340	48.722	ng	98
80) Butylbenzylphthalate	20.509	149	170663	49.602	ng	99
81) Benzo(a)anthracene	21.425	228	412964	48.725	ng	99
82) 3,3'-Dichlorobenzidine	21.349	252	75220	25.707	ng	99
83) Chrysene	21.490	228	380144	46.534	ng	99
84) Bis(2-ethylhexyl)phtha...	21.325	149	246711	48.890	ng	100
85) Di-n-octyl phthalate	22.477	149	433925	49.994	ng	99
87) Indeno(1,2,3-cd)pyrene	28.018	276	504440	49.288	ng	99
88) Benzo(b)fluoranthene	23.541	252	433039	51.593	ng	98
89) Benzo(k)fluoranthene	23.611	252	403162	46.576	ng	97
90) Benzo(a)pyrene	24.375	252	379601	45.932	ng	99
91) Dibenzo(a,h)anthracene	28.070	278	422847	50.280	ng	99
92) Benzo(g,h,i)perylene	29.110	276	409870	48.746	ng	97

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

Manual Integrations

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