

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058913.D
 Acq On : 31 Aug 2023 2:57
 Operator : MA/JU
 Sample : 04196-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-01MS

Quant Time: Aug 31 04:22:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
 Supervised By :mohammad ahmed 09/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	16165	20.000	ng	0.00
21) Naphthalene-d8	10.556	136	73093	20.000	ng	0.00
39) Acenaphthene-d10	14.411	164	56691	20.000	ng	0.00
64) Phenanthrene-d10	17.160	188	134588	20.000	ng	# 0.00
76) Chrysene-d12	21.402	240	110984	20.000	ng	# 0.00
86) Perylene-d12	24.428	264	139328	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	152663	151.979	ng	0.00
7) Phenol-d6	6.937	99	202652	143.793	ng	0.00
23) Nitrobenzene-d5	8.929	82	138442	91.062	ng	0.00
42) 2,4,6-Tribromophenol	15.909	330	135892	152.876	ng	0.00
45) 2-Fluorobiphenyl	13.030	172	346165	88.812	ng	0.00
79) Terphenyl-d14	19.787	244	611551	98.942	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.212	88	15571	32.971	ng	# 34
3) Pyridine	3.611	79	32639	26.153	ng	94
4) n-Nitrosodimethylamine	3.523	42	31629	46.618	ng	94
6) Aniline	7.084	93	28645	16.627	ng	96
8) 2-Chlorophenol	7.325	128	53664	52.837	ng	96
9) Benzaldehyde	6.896	77	12449m	15.748	ng	
10) Phenol	6.960	94	63919	47.034	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	46041	43.419	ng	96
12) 1,3-Dichlorobenzene	7.648	146	50588	46.891	ng	98
13) 1,4-Dichlorobenzene	7.795	146	51638	47.333	ng	97
14) 1,2-Dichlorobenzene	8.106	146	50616	48.004	ng	98
15) Benzyl Alcohol	8.000	79	52836	52.436	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.288	45	107926m	47.758	ng	
17) 2-Methylphenol	8.212	107	48308	48.398	ng	98
18) Hexachloroethane	8.835	117	19524	49.119	ng	94
19) n-Nitroso-di-n-propyla...	8.564	70	42022	46.127	ng	93
20) 3+4-Methylphenols	8.541	107	65045	48.471	ng	98
22) Acetophenone	8.582	105	85233	43.077	ng	99
24) Nitrobenzene	8.970	77	64261	42.498	ng	99
25) Isophorone	9.487	82	126803	41.941	ng	100
26) 2-Nitrophenol	9.675	139	29690	46.948	ng	# 95
27) 2,4-Dimethylphenol	9.740	122	51590	48.135	ng	95
28) bis(2-Chloroethoxy)met...	9.969	93	68553	42.806	ng	98
29) 2,4-Dichlorophenol	10.215	162	57965	52.631	ng	94
30) 1,2,4-Trichlorobenzene	10.421	180	58278	43.820	ng	95
31) Naphthalene	10.609	128	162735	42.403	ng	99
32) Benzoic acid	9.886	122	13513m	23.848	ng	
33) 4-Chloroaniline	10.733	127	5544	3.425	ng	95
34) Hexachlorobutadiene	10.885	225	40192	44.777	ng	96
35) Caprolactam	11.508	113	15885m	40.251	ng	
36) 4-Chloro-3-methylphenol	11.866	107	69950	51.073	ng	98
37) 2-Methylnaphthalene	12.225	142	120525	43.725	ng	98
38) 1-Methylnaphthalene	12.448	142	115122	43.998	ng	99
40) 1,2,4,5-Tetrachloroben...	12.601	216	72003	41.198	ng	99
41) Hexachlorocyclopentadiene	12.572	237	57067	82.672	ng	96
43) 2,4,6-Trichlorophenol	12.848	196	55199	49.636	ng	96

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44) 2,4,5-Trichlorophenol	12.924	196	58912	44.238	ng	99
46) 1,1'-Biphenyl	13.241	154	165424	42.358	ng	96
47) 2-Chloronaphthalene	13.288	162	133230	43.776	ng	98
48) 2-Nitroaniline	13.500	65	50348	43.558	ng	98
49) Acenaphthylene	14.134	152	222090	44.004	ng	98
50) Dimethylphthalate	13.876	163	189094	43.079	ng	99
51) 2,6-Dinitrotoluene	13.999	165	41184	44.660	ng	94
52) Acenaphthene	14.475	154	126663	42.946	ng	98
53) 3-Nitroaniline	14.328	138	10682	12.010	ng	98
54) 2,4-Dinitrophenol	14.546	184	21715	45.391	ng #	90
55) Dibenzofuran	14.810	168	218468	42.941	ng	98
56) 4-Nitrophenol	14.651	139	50990	79.289	ng	92
57) 2,4-Dinitrotoluene	14.792	165	59360	46.151	ng	96
58) Fluorene	15.462	166	177662	43.879	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.045	232	55732	51.285	ng	97
60) Diethylphthalate	15.239	149	193839	42.831	ng	100
61) 4-Chlorophenyl-phenyle...	15.456	204	97339	43.374	ng	93
62) 4-Nitroaniline	15.498	138	37158	41.168	ng	87
63) Azobenzene	15.750	77	171841	41.352	ng	95
65) 4,6-Dinitro-2-methylph...	15.562	198	24367	32.030	ng	97
66) n-Nitrosodiphenylamine	15.674	169	156586	45.141	ng	98
67) 4-Bromophenyl-phenylether	16.349	248	66953	45.333	ng	98
68) Hexachlorobenzene	16.467	284	76381	48.052	ng	99
69) Atrazine	16.626	200	49439	40.272	ng	96
70) Pentachlorophenol	16.820	266	61730	74.061	ng	98
71) Phenanthrene	17.201	178	286339	44.317	ng	100
72) Anthracene	17.295	178	284022	43.829	ng	99
73) Carbazole	17.566	167	255826	43.110	ng	98
74) Di-n-butylphthalate	18.118	149	318305	42.520	ng	99
75) Fluoranthene	19.223	202	337635	42.138	ng	97
77) Benzidine	19.428	184	18702m	9.403	ng	
78) Pyrene	19.581	202	347113	44.887	ng	99
80) Butylbenzylphthalate	20.468	149	142884	45.559	ng	98
81) Benzo(a)anthracene	21.379	228	341958	44.263	ng	99
82) 3,3'-Dichlorobenzidine	21.302	252	40595	15.220	ng	97
83) Chrysene	21.443	228	311315	41.807	ng	99
84) Bis(2-ethylhexyl)phtha...	21.285	149	201741	43.858	ng	99
85) Di-n-octyl phthalate	22.425	149	352326	44.532	ng	100
87) Indeno(1,2,3-cd)pyrene	27.889	276	403730	42.829	ng #	94
88) Benzo(b)fluoranthene	23.471	252	352235m	45.564	ng	
89) Benzo(k)fluoranthene	23.535	252	341911	42.886	ng	99
90) Benzo(a)pyrene	24.293	252	312390	41.039	ng	98
91) Dibenzo(a,h)anthracene	27.936	278	336635	43.460	ng	98
92) Benzo(g,h,i)perylene	28.964	276	321826	41.556	ng	98

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

Manual Integrations

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