

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
 Data File : BG061187.D
 Acq On : 14 May 2024 12:49
 Operator : MA/JU
 Sample : PB160877BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160877BSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: May 14 13:31:04 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

Supervised By :mohammad
 05/14/2024

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

1) 1,4-Dichlorobenzene-d4	7.934	152	19449	20.000	ng	-0.03
21) Naphthalene-d8	10.725	136	83167	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	72120	20.000	ng	-0.03
64) Phenanthrene-d10	17.305	188	186574	20.000	ng	-0.03
76) Chrysene-d12	21.565	240	187459	20.000	ng	#-0.03
86) Perylene-d12	24.691	264	214338	20.000	ng	-0.04

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System Monitoring Compounds

5) 2-Fluorophenol	5.525	112	169542	177.286	ng	-0.02
7) Phenol-d6	7.111	99	224032	158.360	ng	-0.02
23) Nitrobenzene-d5	9.086	82	144326	86.026	ng	-0.03
42) 2,4,6-Tribromophenol	16.054	330	175993	122.086	ng	-0.02
45) 2-Fluorobiphenyl	13.181	172	403977	82.830	ng	-0.03
79) Terphenyl-d14	19.926	244	926524	82.201	ng	-0.03

Target Compounds

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.433	88	12832	33.186	ng	89
3) Pyridine	3.821	79	38656	33.974	ng	97
4) n-Nitrosodimethylamine	3.739	42	45984	42.064	ng	# 91
6) Aniline	7.258	93	50804	36.225	ng	96
8) 2-Chlorophenol	7.499	128	61294	52.243	ng	93
9) Benzaldehyde	7.070	77	24354	30.210	ng	93
10) Phenol	7.141	94	76304	53.038	ng	88
11) bis(2-Chloroethyl)ether	7.352	93	47562	47.855	ng	94
12) 1,3-Dichlorobenzene	7.816	146	62752	45.370	ng	98
13) 1,4-Dichlorobenzene	7.963	146	58252	40.750	ng	89
14) 1,2-Dichlorobenzene	8.281	146	63255	45.865	ng	93
15) Benzyl Alcohol	8.169	79	62159	48.707	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.445	45	102032m	47.311	ng	
17) 2-Methylphenol	8.381	107	50421	49.179	ng	92
18) Hexachloroethane	9.009	117	22322	43.762	ng	94
19) n-Nitroso-di-n-propyla...	8.733	70	44581	42.109	ng	96
20) 3+4-Methylphenols	8.704	107	73763	49.868	ng	92
22) Acetophenone	8.751	105	97255	46.956	ng	# 97
24) Nitrobenzene	9.127	77	68826	41.935	ng	99
25) Isophorone	9.650	82	122942	39.643	ng	99
26) 2-Nitrophenol	9.838	139	36371	46.773	ng	97
27) 2,4-Dimethylphenol	9.902	122	46490	51.857	ng	93
28) bis(2-Chloroethoxy)met...	10.131	93	67086	44.077	ng	98
29) 2,4-Dichlorophenol	10.384	162	65979	46.971	ng	99
30) 1,2,4-Trichlorobenzene	10.590	180	72380	42.765	ng	96
31) Naphthalene	10.778	128	179078	41.431	ng	99
32) Benzoic acid	10.067	122	28214m	27.224	ng	
33) 4-Chloroaniline	10.883	127	40687m	23.603	ng	
34) Hexachlorobutadiene	11.060	225	56554	38.943	ng	94
35) Caprolactam	11.659	113	20819m	41.156	ng	
36) 4-Chloro-3-methylphenol	12.023	107	72496	42.801	ng	95
37) 2-Methylnaphthalene	12.382	142	128406	39.644	ng	100
38) 1-Methylnaphthalene	12.599	142	124048	38.042	ng	96
40) 1,2,4,5-Tetrachloroben...	12.752	216	106758	44.356	ng	98
41) Hexachlorocyclopentadiene	12.728	237	99401	107.883	ng	90
43) 2,4,6-Trichlorophenol	12.999	196	66548	43.067	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.075	196	72364	41.378	ng	#	91
46) 1,1'-Biphenyl	13.392	154	198210	42.863	ng		99
47) 2-Chloronaphthalene	13.439	162	155341	41.952	ng		98
48) 2-Nitroaniline	13.639	65	61671	44.883	ng		97
49) Acenaphthylene	14.285	152	265050	46.605	ng		97
50) Dimethylphthalate	14.021	163	231253	41.514	ng		100
51) 2,6-Dinitrotoluene	14.139	165	48959	41.090	ng		93
52) Acenaphthene	14.620	154	146042	41.164	ng		99
53) 3-Nitroaniline	14.468	138	31063	28.492	ng	#	97
54) 2,4-Dinitrophenol	14.685	184	61671	73.209	ng		97
55) Dibenzofuran	14.961	168	254658	42.496	ng		97
56) 4-Nitrophenol	14.802	139	69030	78.348	ng		97
57) 2,4-Dinitrotoluene	14.932	165	76108	43.174	ng		86
58) Fluorene	15.607	166	217723	41.987	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.190	232	76050	42.244	ng		99
60) Diethylphthalate	15.384	149	230306	40.999	ng		100
61) 4-Chlorophenyl-phenyle...	15.602	204	129531	41.601	ng		95
62) 4-Nitroaniline	15.631	138	48623	41.121	ng		96
63) Azobenzene	15.895	77	198205	45.326	ng		96
65) 4,6-Dinitro-2-methylph...	15.701	198	51801	44.748	ng		94
66) n-Nitrosodiphenylamine	15.819	169	201172	43.481	ng		97
67) 4-Bromophenyl-phenylether	16.495	248	93912	42.729	ng		95
68) Hexachlorobenzene	16.618	284	112524	41.133	ng		98
69) Atrazine	16.771	200	89571	46.944	ng		94
70) Pentachlorophenol	16.970	266	112256	66.795	ng		95
71) Phenanthrene	17.352	178	374281	43.873	ng		98
72) Anthracene	17.441	178	379603	44.594	ng		98
73) Carbazole	17.711	167	330166	44.113	ng		99
74) Di-n-butylphthalate	18.275	149	389401	43.754	ng		100
75) Fluoranthene	19.362	202	494130	42.280	ng		98
77) Benzidine	19.544	184	104458	30.373	ng		99
78) Pyrene	19.726	202	512921	43.038	ng		99
80) Butylbenzylphthalate	20.619	149	165085	43.760	ng		95
81) Benzo(a)anthracene	21.547	228	542424	44.219	ng		99
82) 3,3'-Dichlorobenzidine	21.465	252	136036	30.815	ng		98
83) Chrysene	21.612	228	508157	44.215	ng		99
84) Bis(2-ethylhexyl)phtha...	21.465	149	228252	46.334	ng		99
85) Di-n-octyl phthalate	22.640	149	387081	44.536	ng		99
87) Indeno(1,2,3-cd)pyrene	28.228	276	662213	46.620	ng		99
88) Benzo(b)fluoranthene	23.698	252	522836	43.652	ng		99
89) Benzo(k)fluoranthene	23.768	252	521624	45.270	ng		99
90) Benzo(a)pyrene	24.544	252	491833	47.134	ng		97
91) Dibenzo(a,h)anthracene	28.293	278	540307	45.931	ng	#	97
92) Benzo(g,h,i)perylene	29.338	276	507472	43.411	ng		98

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

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