

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081823\
 Data File : BG058773.D
 Acq On : 18 Aug 2023 12:42
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023
 Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 21 01:30:45 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 01:23:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	25995	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	105491	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	72575	20.000	ng	0.00
64) Phenanthrene-d10	17.207	188	178681	20.000	ng	0.00
76) Chrysene-d12	21.449	240	162276	20.000	ng	0.00
86) Perylene-d12	24.528	264	201651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	68712	42.537	ng	0.00
7) Phenol-d6	6.978	99	97668	43.095	ng	0.00
23) Nitrobenzene-d5	8.975	82	92260	42.048	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	47771	41.979	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	213466	42.780	ng	0.00
79) Terphenyl-d14	19.822	244	387605	42.889	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	16956	21.984	ng	91
3) Pyridine	3.670	79	42551	21.129	ng	91
4) n-Nitrosodimethylamine	3.593	42	22945	21.030	ng	# 90
6) Aniline	7.136	93	60998	22.017	ng	99
8) 2-Chlorophenol	7.377	128	35244	21.579	ng	98
9) Benzaldehyde	6.948	77	27405	21.568	ng	99
10) Phenol	7.007	94	46953	21.485	ng	96
11) bis(2-Chloroethyl)ether	7.236	93	36217	21.239	ng	95
12) 1,3-Dichlorobenzene	7.700	146	37703	21.732	ng	97
13) 1,4-Dichlorobenzene	7.847	146	37215	21.213	ng	92
14) 1,2-Dichlorobenzene	8.165	146	36764	21.682	ng	97
15) Benzyl Alcohol	8.053	79	34476	21.276	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.335	45	78542	21.612	ng	99
17) 2-Methylphenol	8.259	107	34466	21.473	ng	96
18) Hexachloroethane	8.887	117	13557	21.210	ng	94
19) n-Nitroso-di-n-propyla...	8.611	70	31000	21.161	ng	99
20) 3+4-Methylphenols	8.588	107	46660	21.622	ng	97
22) Acetophenone	8.635	105	59843	20.956	ng	# 98
24) Nitrobenzene	9.017	77	45820	20.996	ng	# 94
25) Isophorone	9.534	82	91867	21.054	ng	99
26) 2-Nitrophenol	9.727	139	19138	20.968	ng	98
27) 2,4-Dimethylphenol	9.786	122	32019	20.700	ng	97
28) bis(2-Chloroethoxy)met...	10.021	93	48043	20.786	ng	97
29) 2,4-Dichlorophenol	10.268	162	33913	21.296	ng	97
30) 1,2,4-Trichlorobenzene	10.474	180	40291	20.991	ng	96
31) Naphthalene	10.662	128	116169	20.973	ng	99
32) Benzoic acid	9.933	122	14185m	18.391	ng	
33) 4-Chloroaniline	10.779	127	49078	21.009	ng	96
34) Hexachlorobutadiene	10.938	225	27198	20.995	ng	96
35) Caprolactam	11.543	113	11640	20.436	ng	# 87
36) 4-Chloro-3-methylphenol	11.907	107	40675	20.577	ng	96
37) 2-Methylnaphthalene	12.277	142	82928	20.846	ng	96
38) 1-Methylnaphthalene	12.495	142	79138m	20.956	ng	
40) 1,2,4,5-Tetrachloroben...	12.648	216	46581	20.819	ng	98
41) Hexachlorocyclopentadiene	12.624	237	10475	19.394	ng	98
43) 2,4,6-Trichlorophenol	12.894	196	30256	21.252	ng	98

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44) 2,4,5-Trichlorophenol	12.977	196	34299	20.119	ng	94
46) 1,1'-Biphenyl	13.288	154	105029	21.008	ng	98
47) 2-Chloronaphthalene	13.329	162	82349	21.136	ng	99
48) 2-Nitroaniline	13.547	65	31082	21.005	ng	98
49) Acenaphthylene	14.181	152	136553	21.134	ng	97
50) Dimethylphthalate	13.911	163	118000	20.999	ng	97
51) 2,6-Dinitrotoluene	14.040	165	25643	21.721	ng	93
52) Acenaphthene	14.522	154	77975	20.652	ng	99
53) 3-Nitroaniline	14.375	138	23234	20.405	ng	85
54) 2,4-Dinitrophenol	14.598	184	9549	20.112	ng	95
55) Dibenzofuran	14.857	168	137404	21.097	ng	97
56) 4-Nitrophenol	14.710	139	13627	20.215	ng	92
57) 2,4-Dinitrotoluene	14.833	165	34553	20.984	ng	99
58) Fluorene	15.503	166	110241	21.268	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	29534	21.229	ng	# 97
60) Diethylphthalate	15.274	149	122517	21.147	ng	98
61) 4-Chlorophenyl-phenyle...	15.497	204	61048	21.249	ng	97
62) 4-Nitroaniline	15.538	138	24897	21.546	ng	97
63) Azobenzene	15.791	77	113640	21.361	ng	99
65) 4,6-Dinitro-2-methylph...	15.603	198	19815	19.619	ng	95
66) n-Nitrosodiphenylamine	15.715	169	95759	20.793	ng	98
67) 4-Bromophenyl-phenylether	16.390	248	40759	20.787	ng	96
68) Hexachlorobenzene	16.514	284	44236	20.962	ng	95
69) Atrazine	16.666	200	34362	21.083	ng	95
70) Pentachlorophenol	16.866	266	20555	18.576	ng	95
71) Phenanthrene	17.248	178	178775	20.841	ng	99
72) Anthracene	17.336	178	179811	20.900	ng	99
73) Carbazole	17.612	167	169365	21.498	ng	99
74) Di-n-butylphthalate	18.165	149	214590	21.592	ng	98
75) Fluoranthene	19.263	202	226960	21.336	ng	98
77) Benzidine	19.457	184	55946	19.236	ng	97
78) Pyrene	19.628	202	237124	20.972	ng	97
80) Butylbenzylphthalate	20.509	149	95673	20.863	ng	96
81) Benzo(a)anthracene	21.426	228	235279	20.829	ng	97
82) 3,3'-Dichlorobenzidine	21.355	252	82326	21.110	ng	97
83) Chrysene	21.496	228	225090	20.673	ng	99
84) Bis(2-ethylhexyl)phtha...	21.331	149	137469	20.439	ng	99
85) Di-n-octyl phthalate	22.483	149	240703	20.807	ng	99
87) Indeno(1,2,3-cd)pyrene	28.006	276	280425	20.554	ng	# 94
88) Benzo(b)fluoranthene	23.541	252	232070	20.742	ng	98
89) Benzo(k)fluoranthene	23.611	252	242187	20.989	ng	100
90) Benzo(a)pyrene	24.375	252	228138	20.708	ng	100
91) Dibenzo(a,h)anthracene	28.077	278	233221	20.815	ng	99
92) Benzo(g,h,i)perylene	29.116	276	231439	20.615	ng	94

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

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