

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062723\
 Data File : BG057867.D
 Acq On : 27 Jun 2023 15:05
 Operator : CG/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 00:41:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 00:34:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	35374	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	160769	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	123109	20.000	ng	0.00
64) Phenanthrene-d10	17.306	188	342844	20.000	ng	0.00
76) Chrysene-d12	21.560	240	302244	20.000	ng	0.00
86) Perylene-d12	24.715	264	360734	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	49136	21.252	ng	0.00
7) Phenol-d6	7.083	99	73297	21.201	ng	0.00
23) Nitrobenzene-d5	9.086	82	65198	19.875	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	43564	21.068	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	173497	21.506	ng	0.00
79) Terphenyl-d14	19.921	244	366589	22.112	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	11131	10.504	ng	96
3) Pyridine	3.793	79	32013m	10.454	ng	
4) n-Nitrosodimethylamine	3.710	42	13269	10.527	ng	# 97
6) Aniline	7.247	93	45289	10.486	ng	96
8) 2-Chlorophenol	7.488	128	24213	10.432	ng	96
9) Benzaldehyde	7.059	77	23550	9.740	ng	97
10) Phenol	7.106	94	35653	10.612	ng	95
11) bis(2-Chloroethyl)ether	7.341	93	26978	10.651	ng	97
12) 1,3-Dichlorobenzene	7.811	146	25440	10.656	ng	96
13) 1,4-Dichlorobenzene	7.958	146	25876	10.791	ng	96
14) 1,2-Dichlorobenzene	8.281	146	25104	10.818	ng	96
15) Benzyl Alcohol	8.158	79	26695	10.480	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.452	45	45220m	10.722	ng	
17) 2-Methylphenol	8.364	107	26540	10.656	ng	89
18) Hexachloroethane	9.004	117	8838	10.577	ng	85
19) n-Nitroso-di-n-propyla...	8.722	70	24626	10.645	ng	97
20) 3+4-Methylphenols	8.693	107	36857	10.621	ng	96
22) Acetophenone	8.746	105	46801	10.460	ng	99
24) Nitrobenzene	9.127	77	33165	10.072	ng	97
25) Isophorone	9.650	82	72982	10.304	ng	99
26) 2-Nitrophenol	9.838	139	12328	9.188	ng	94
27) 2,4-Dimethylphenol	9.891	122	26447	10.223	ng	98
28) bis(2-Chloroethoxy)met...	10.132	93	39417	10.356	ng	97
29) 2,4-Dichlorophenol	10.373	162	25243	9.950	ng	93
30) 1,2,4-Trichlorobenzene	10.590	180	28160	10.310	ng	97
31) Naphthalene	10.778	128	88981	10.369	ng	97
32) Benzoic acid	9.973	122	17257m	8.464	ng	
33) 4-Chloroaniline	10.884	127	41486	10.275	ng	99
34) Hexachlorobutadiene	11.060	225	17645	10.474	ng	94
35) Caprolactam	11.630	113	11795	10.728	ng	94
36) 4-Chloro-3-methylphenol	12.006	107	35690	10.596	ng	96
37) 2-Methylnaphthalene	12.388	142	66231	10.469	ng	99
38) 1-Methylnaphthalene	12.606	142	63267	10.584	ng	97
40) 1,2,4,5-Tetrachloroben...	12.753	216	34810	10.107	ng	100
41) Hexachlorocyclopentadiene	12.729	237	16883	9.118	ng	94
43) 2,4,6-Trichlorophenol	12.993	196	24989	9.843	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.064	196	29556	9.781	ng	97
46) 1,1'-Biphenyl	13.393	154	88102	10.507	ng	99
47) 2-Chloronaphthalene	13.434	162	66779	10.370	ng	96
48) 2-Nitroaniline	13.640	65	24387	9.504	ng	89
49) Acenaphthylene	14.286	152	119201	10.555	ng	97
50) Dimethylphthalate	14.010	163	104764	10.737	ng	98
51) 2,6-Dinitrotoluene	14.133	165	20225	9.983	ng	98
52) Acenaphthene	14.627	154	68717	10.416	ng	97
53) 3-Nitroaniline	14.462	138	23650	10.269	ng	100
54) 2,4-Dinitrophenol	14.668	184	8838	7.896	ng	97
55) Dibenzofuran	14.956	168	120349	10.635	ng	99
56) 4-Nitrophenol	14.762	139	18927	10.024	ng	94
57) 2,4-Dinitrotoluene	14.915	165	28676	9.755	ng	98
58) Fluorene	15.608	166	99489	10.893	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.179	232	28621	10.448	ng	99
60) Diethylphthalate	15.373	149	110217	10.716	ng	99
61) 4-Chlorophenyl-phenyle...	15.602	204	52735	10.765	ng	97
62) 4-Nitroaniline	15.620	138	25828	10.691	ng	100
63) Azobenzene	15.890	77	106089	10.786	ng	99
65) 4,6-Dinitro-2-methylph...	15.679	198	14830	8.038	ng	87
66) n-Nitrosodiphenylamine	15.814	169	89351	10.212	ng	99
67) 4-Bromophenyl-phenylether	16.495	248	36039	9.958	ng	96
68) Hexachlorobenzene	16.607	284	38450	10.061	ng	95
69) Atrazine	16.760	200	35220	10.839	ng	96
70) Pentachlorophenol	16.954	266	28445	9.733	ng	96
71) Phenanthrene	17.347	178	173370	10.534	ng	98
72) Anthracene	17.435	178	180326	10.624	ng	100
73) Carbazole	17.706	167	171988	10.657	ng	99
74) Di-n-butylphthalate	18.270	149	213730	10.715	ng	99
75) Fluoranthene	19.357	202	224434	10.825	ng	100
77) Benzidine	19.539	184	81929	11.554	ng	99
78) Pyrene	19.721	202	230749	10.692	ng	98
80) Butylbenzylphthalate	20.608	149	88486	10.111	ng	98
81) Benzo(a)anthracene	21.542	228	217248	10.387	ng	99
82) 3,3'-Dichlorobenzidine	21.460	252	78090	10.492	ng	99
83) Chrysene	21.607	228	207500	10.481	ng	98
84) Bis(2-ethylhexyl)phtha...	21.454	149	130378	10.493	ng	99
85) Di-n-octyl phthalate	22.641	149	224654	10.246	ng	98
87) Indeno(1,2,3-cd)pyrene	28.293	276	244610	10.236	ng	99
88) Benzo(b)fluoranthene	23.710	252	203820	10.359	ng	98
89) Benzo(k)fluoranthene	23.775	252	210977	10.610	ng	98
90) Benzo(a)pyrene	24.562	252	203829	10.458	ng	99
91) Dibenzo(a,h)anthracene	28.364	278	204256	10.304	ng	99
92) Benzo(g,h,i)perylene	29.415	276	202439	10.276	ng	99

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

