

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057795.D
 Acq On : 21 Jun 2023 22:12
 Operator : CG/JU
 Sample : 03289-17MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-06-12.0-14.0-DUPMS

Quant Time: Jun 22 04:54:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/27/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	27772	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	130039	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	99955	20.000	ng	0.00
64) Phenanthrene-d10	17.303	188	262062	20.000	ng	0.00
76) Chrysene-d12	21.557	240	222173	20.000	ng	0.00
86) Perylene-d12	24.706	264	278440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	171958	95.471	ng	0.00
7) Phenol-d6	7.085	99	244147	88.836	ng	0.00
23) Nitrobenzene-d5	9.083	82	140241	55.350	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	143855	103.317	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	345858	52.481	ng	0.00
79) Terphenyl-d14	19.917	244	798510	67.018	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.396	88	34198	41.711	ng	94
3) Pyridine	3.789	79	90935	36.416	ng	94
4) n-Nitrosodimethylamine	3.707	42	49296	43.204	ng	83
6) Aniline	7.244	93	152759	43.410	ng	100
8) 2-Chlorophenol	7.485	128	100732	54.363	ng	96
9) Benzaldehyde	7.062	77	58264m	33.716	ng	
10) Phenol	7.109	94	148959	55.049	ng	98
11) bis(2-Chloroethyl)ether	7.344	93	95584	45.943	ng	93
12) 1,3-Dichlorobenzene	7.808	146	95617	50.706	ng	96
13) 1,4-Dichlorobenzene	7.955	146	95649	50.060	ng	96
14) 1,2-Dichlorobenzene	8.278	146	93342	50.487	ng	97
15) Benzyl Alcohol	8.161	79	104894	49.916	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.449	45	169036	42.295	ng	97
17) 2-Methylphenol	8.360	107	99302	49.895	ng	98
18) Hexachloroethane	9.007	117	34376	51.023	ng	99
19) n-Nitroso-di-n-propyla...	8.725	70	84988	44.356	ng	96
20) 3+4-Methylphenols	8.689	107	138637	50.429	ng	98
22) Acetophenone	8.742	105	166176	45.570	ng	# 97
24) Nitrobenzene	9.124	77	120590	45.730	ng	95
25) Isophorone	9.647	82	254056	43.889	ng	99
26) 2-Nitrophenol	9.835	139	53393	63.644	ng	100
27) 2,4-Dimethylphenol	9.894	122	105636	50.858	ng	98
28) bis(2-Chloroethoxy)met...	10.129	93	141366	45.348	ng	100
29) 2,4-Dichlorophenol	10.370	162	103774	52.613	ng	98
30) 1,2,4-Trichlorobenzene	10.587	180	103219	46.948	ng	99
31) Naphthalene	10.775	128	312942	45.216	ng	100
32) Benzoic acid	10.029	122	93230	60.965	ng	98
33) 4-Chloroaniline	10.881	127	118577	36.976	ng	97
34) Hexachlorobutadiene	11.057	225	61857	46.116	ng	99
35) Caprolactam	11.651	113	44007m	54.982	ng	
36) 4-Chloro-3-methylphenol	12.003	107	136660	53.052	ng	99
37) 2-Methylnaphthalene	12.385	142	225482	44.696	ng	99
38) 1-Methylnaphthalene	12.603	142	214816	45.109	ng	99
40) 1,2,4,5-Tetrachloroben...	12.749	216	124127	44.795	ng	99
41) Hexachlorocyclopentadiene	12.732	237	150929	102.593	ng	99
43) 2,4,6-Trichlorophenol	12.990	196	99421	50.108	ng	99

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44) 2,4,5-Trichlorophenol	13.061	196	110578	47.811	ng	96
46) 1,1'-Biphenyl	13.390	154	307589	44.817	ng	99
47) 2-Chloronaphthalene	13.437	162	243058	46.098	ng	96
48) 2-Nitroaniline	13.637	65	99811	53.268	ng	95
49) Acenaphthylene	14.283	152	409728	45.273	ng	100
50) Dimethylphthalate	14.013	163	351073	45.730	ng	99
51) 2,6-Dinitrotoluene	14.130	165	77000	54.466	ng	94
52) Acenaphthene	14.624	154	295554m	52.752	ng	
53) 3-Nitroaniline	14.459	138	73230	45.965	ng	96
54) 2,4-Dinitrophenol	14.665	184	97258	125.947	ng	99
55) Dibenzofuran	14.959	168	412020	45.736	ng	99
56) 4-Nitrophenol	14.771	139	151082	119.325	ng	94
57) 2,4-Dinitrotoluene	14.917	165	114839	59.902	ng	94
58) Fluorene	15.605	166	333052	46.704	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.182	232	106868	54.220	ng	100
60) Diethylphthalate	15.376	149	370288	47.014	ng	97
61) 4-Chlorophenyl-phenyle...	15.599	204	175926	46.397	ng	96
62) 4-Nitroaniline	15.628	138	89045	54.824	ng	96
63) Azobenzene	15.893	77	379798	47.142	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	70127	57.117	ng	94
66) n-Nitrosodiphenylamine	15.811	169	302876	43.790	ng	98
67) 4-Bromophenyl-phenylether	16.492	248	120986	43.532	ng	97
68) Hexachlorobenzene	16.604	284	136987	48.349	ng	99
69) Atrazine	16.762	200	129477	54.533	ng	97
70) Pentachlorophenol	16.950	266	188336	89.978	ng	97
71) Phenanthrene	17.344	178	578648	45.604	ng	99
72) Anthracene	17.432	178	587981	45.381	ng	99
73) Carbazole	17.702	167	567637	47.515	ng	98
74) Di-n-butylphthalate	18.266	149	676367	47.816	ng	100
75) Fluoranthene	19.353	202	698521	46.211	ng	99
77) Benzidine	19.536	184	425171	81.639	ng	99
78) Pyrene	19.718	202	712107	44.932	ng	100
80) Butylbenzylphthalate	20.605	149	296188	49.128	ng	100
81) Benzo(a)anthracene	21.539	228	706190	46.328	ng	99
82) 3,3'-Dichlorobenzidine	21.457	252	209831	40.473	ng	99
83) Chrysene	21.604	228	654199	44.720	ng	99
84) Bis(2-ethylhexyl)phtha...	21.451	149	418051	47.759	ng	100
85) Di-n-octyl phthalate	22.638	149	757932	49.366	ng	97
87) Indeno(1,2,3-cd)pyrene	28.290	276	864692	47.498	ng	# 95
88) Benzo(b)fluoranthene	23.707	252	724494	47.482	ng	99
89) Benzo(k)fluoranthene	23.772	252	726488	46.749	ng	100
90) Benzo(a)pyrene	24.559	252	659105	43.984	ng	100
91) Dibenzo(a,h)anthracene	28.361	278	718677	47.579	ng	98
92) Benzo(g,h,i)perylene	29.424	276	702323	46.437	ng	99

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

