

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057793.D
 Acq On : 21 Jun 2023 20:49
 Operator : CG/JU
 Sample : 03074-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

GP-01MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 22 04:52:47 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	31328	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	151916	20.000	ng	0.00
39) Acenaphthene-d10	14.555	164	114761	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	294555	20.000	ng	0.00
76) Chrysene-d12	21.558	240	244338	20.000	ng	0.00
86) Perylene-d12	24.702	264	306172	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.495	112	268935	132.365	ng	0.00
7) Phenol-d6	7.087	99	397568	128.240	ng	0.00
23) Nitrobenzene-d5	9.085	82	227434	76.837	ng	0.00
42) 2,4,6-Tribromophenol	16.047	330	199594	124.855	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	556017	73.486	ng	0.00
79) Terphenyl-d14	19.919	244	1032924	78.828	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	33214	35.912	ng	94
3) Pyridine	3.785	79	88212	31.316	ng	97
4) n-Nitrosodimethylamine	3.703	42	50359	39.126	ng	94
6) Aniline	7.246	93	115420	29.077	ng	94
8) 2-Chlorophenol	7.487	128	107550	51.455	ng	100
9) Benzaldehyde	7.058	77	61285m	31.439	ng	
10) Phenol	7.111	94	157317	51.538	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	100330	42.751	ng	96
12) 1,3-Dichlorobenzene	7.810	146	94922	44.624	ng	95
13) 1,4-Dichlorobenzene	7.957	146	97145	45.072	ng	97
14) 1,2-Dichlorobenzene	8.274	146	95487	45.785	ng	99
15) Benzyl Alcohol	8.156	79	112097	47.288	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.450	45	176690m	39.192	ng	
17) 2-Methylphenol	8.362	107	106076	47.249	ng	97
18) Hexachloroethane	9.002	117	34633	45.570	ng	96
19) n-Nitroso-di-n-propyla...	8.726	70	89802	41.549	ng	99
20) 3+4-Methylphenols	8.691	107	148731	47.960	ng	98
22) Acetophenone	8.744	105	175827	41.273	ng	# 98
24) Nitrobenzene	9.126	77	127610	41.423	ng	98
25) Isophorone	9.649	82	268354	39.683	ng	98
26) 2-Nitrophenol	9.837	139	56636	57.787	ng	94
27) 2,4-Dimethylphenol	9.895	122	113492	46.772	ng	98
28) bis(2-Chloroethoxy)met...	10.131	93	151580	41.622	ng	99
29) 2,4-Dichlorophenol	10.371	162	110560	47.981	ng	97
30) 1,2,4-Trichlorobenzene	10.583	180	109364	42.580	ng	94
31) Naphthalene	10.777	128	333178	41.208	ng	99
32) Benzoic acid	10.031	122	97531	54.593	ng	98
33) 4-Chloroaniline	10.883	127	53325	14.234	ng	96
34) Hexachlorobutadiene	11.059	225	64479	41.148	ng	97
35) Caprolactam	11.658	113	44920m	48.041	ng	
36) 4-Chloro-3-methylphenol	12.005	107	143153	47.569	ng	98
37) 2-Methylnaphthalene	12.387	142	240010	40.725	ng	98
38) 1-Methylnaphthalene	12.604	142	226160	40.652	ng	97
40) 1,2,4,5-Tetrachloroben...	12.751	216	131085	41.202	ng	99
41) Hexachlorocyclopentadiene	12.733	237	163883	97.026	ng	99
43) 2,4,6-Trichlorophenol	12.986	196	105673	46.388	ng	99

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44) 2,4,5-Trichlorophenol	13.062	196	116948	44.042	ng	95
46) 1,1'-Biphenyl	13.391	154	324162	41.138	ng	98
47) 2-Chloronaphthalene	13.433	162	254607	42.058	ng	97
48) 2-Nitroaniline	13.638	65	102019	47.422	ng	95
49) Acenaphthylene	14.279	152	430644	41.445	ng	99
50) Dimethylphthalate	14.014	163	367465	41.690	ng	99
51) 2,6-Dinitrotoluene	14.132	165	79137	48.756	ng	92
52) Acenaphthene	14.625	154	306793m	47.693	ng	
53) 3-Nitroaniline	14.461	138	45395	24.817	ng	97
54) 2,4-Dinitrophenol	14.666	184	95776	108.795	ng	99
55) Dibenzofuran	14.954	168	429965	41.570	ng	99
56) 4-Nitrophenol	14.766	139	148469	102.133	ng	97
57) 2,4-Dinitrotoluene	14.919	165	114499	52.019	ng	92
58) Fluorene	15.606	166	345175	42.159	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.178	232	108375	47.890	ng	100
60) Diethylphthalate	15.377	149	379849	42.006	ng	99
61) 4-Chlorophenyl-phenyle...	15.601	204	180809	41.533	ng	98
62) 4-Nitroaniline	15.624	138	85966	46.100	ng	99
63) Azobenzene	15.888	77	401632	43.420	ng	98
65) 4,6-Dinitro-2-methylph...	15.677	198	69612	51.064	ng	96
66) n-Nitrosodiphenylamine	15.812	169	310809	39.980	ng	96
67) 4-Bromophenyl-phenylether	16.494	248	124574	39.878	ng	95
68) Hexachlorobenzene	16.605	284	139079	43.673	ng	99
69) Atrazine	16.764	200	132219	49.545	ng	97
70) Pentachlorophenol	16.952	266	188457	80.103	ng	97
71) Phenanthrene	17.346	178	577953	40.524	ng	99
72) Anthracene	17.434	178	594945	40.853	ng	99
73) Carbazole	17.704	167	564069	42.008	ng	100
74) Di-n-butylphthalate	18.268	149	672882	42.322	ng	99
75) Fluoranthene	19.355	202	695014	40.907	ng	99
77) Benzidine	19.537	184	235664	41.146	ng	98
78) Pyrene	19.713	202	709294	40.694	ng	99
80) Butylbenzylphthalate	20.606	149	298638	45.041	ng	96
81) Benzo(a)anthracene	21.535	228	703752	41.980	ng	99
82) 3,3'-Dichlorobenzidine	21.453	252	153442	26.912	ng	100
83) Chrysene	21.599	228	645583	40.128	ng	98
84) Bis(2-ethylhexyl)phtha...	21.453	149	422732	43.913	ng	99
85) Di-n-octyl phthalate	22.639	149	755577	44.749	ng	98
87) Indeno(1,2,3-cd)pyrene	28.292	276	856185	42.771	ng	# 93
88) Benzo(b)fluoranthene	23.709	252	727389	43.354	ng	98
89) Benzo(k)fluoranthene	23.773	252	716773	41.946	ng	100
90) Benzo(a)pyrene	24.561	252	651403	39.533	ng	100
91) Dibenzo(a,h)anthracene	28.368	278	714502	43.019	ng	99
92) Benzo(g,h,i)perylene	29.420	276	700478	42.120	ng	98

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

