

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
 Data File : BG059883.D
 Acq On : 25 Nov 2023 9:14
 Operator : MA/JU
 Sample : PB157208BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157208BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 27 03:17:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:11:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	24010	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	118230	20.000	ng	# 0.00
39) Acenaphthene-d10	14.950	164	95219	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	223054	20.000	ng	# 0.00
76) Chrysene-d12	22.024	240	182632	20.000	ng	0.00
86) Perylene-d12	25.585	264	185729	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	223012	156.335	ng	0.00
7) Phenol-d6	7.441	99	276378	130.741	ng	0.00
23) Nitrobenzene-d5	9.515	82	247130	79.831	ng	0.00
42) 2,4,6-Tribromophenol	16.437	330	167012	154.587	ng	0.00
45) 2-Fluorobiphenyl	13.575	172	626501	88.564	ng	0.00
79) Terphenyl-d14	20.273	244	1067741	86.307	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.634	88	16014	23.901	ng	# 84
3) Pyridine	4.057	79	45683	24.964	ng	# 87
4) n-Nitrosodimethylamine	3.987	42	38403	39.447	ng	# 63
6) Aniline	7.641	93	80374	28.810	ng	90
8) 2-Chlorophenol	7.870	128	67209	43.429	ng	94
9) Benzaldehyde	7.459	77	13130	9.189	ng	91
10) Phenol	7.465	94	106928	49.079	ng	84
11) bis(2-Chloroethyl)ether	7.735	93	55619	41.009	ng	96
12) 1,3-Dichlorobenzene	8.199	146	76649m	44.590	ng	
13) 1,4-Dichlorobenzene	8.352	146	77858	45.104	ng	97
14) 1,2-Dichlorobenzene	8.669	146	88566	51.642	ng	92
15) Benzyl Alcohol	8.558	79	110098	45.672	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.816	45	20023m	40.127	ng	
17) 2-Methylphenol	8.746	107	72479	45.165	ng	96
18) Hexachloroethane	9.404	117	32332	44.129	ng	91
19) n-Nitroso-di-n-propyla...	9.122	70	72964	43.830	ng	# 94
20) 3+4-Methylphenols	9.075	107	102390	45.960	ng	92
22) Acetophenone	9.157	105	154974	46.299	ng	# 90
24) Nitrobenzene	9.562	77	112355	39.408	ng	96
25) Isophorone	10.068	82	195711	37.658	ng	97
26) 2-Nitrophenol	10.268	139	44022	42.115	ng	# 85
27) 2,4-Dimethylphenol	10.291	122	85664	40.307	ng	87
28) bis(2-Chloroethoxy)met...	10.550	93	79163	40.534	ng	95
29) 2,4-Dichlorophenol	10.802	162	84259	46.437	ng	98
30) 1,2,4-Trichlorobenzene	11.008	180	90265	49.223	ng	# 84
31) Naphthalene	11.213	128	268910	45.232	ng	# 94
32) Benzoic acid	10.409	122	62715m	43.361	ng	
33) 4-Chloroaniline	11.331	127	52855	20.902	ng	# 88
34) Hexachlorobutadiene	11.448	225	60077	48.136	ng	93
35) Caprolactam	12.130	113	28442m	42.889	ng	
36) 4-Chloro-3-methylphenol	12.412	107	133635	55.378	ng	# 95
37) 2-Methylnaphthalene	12.800	142	226303	45.196	ng	86
38) 1-Methylnaphthalene	13.011	142	228694	49.527	ng	90
40) 1,2,4,5-Tetrachloroben...	13.141	216	116822	45.429	ng	96
41) Hexachlorocyclopentadiene	13.094	237	142786	88.518	ng	95
43) 2,4,6-Trichlorophenol	13.387	196	91013	50.896	ng	96

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44) 2,4,5-Trichlorophenol	13.458	196	91708	43.646	ng	# 90
46) 1,1'-Biphenyl	13.787	154	352133	47.115	ng	98
47) 2-Chloronaphthalene	13.840	162	247811	48.255	ng	94
48) 2-Nitroaniline	14.057	65	87124	47.517	ng	88
49) Acenaphthylene	14.686	152	420667	48.041	ng	# 95
50) Dimethylphthalate	14.392	163	344450	46.680	ng	98
51) 2,6-Dinitrotoluene	14.539	165	64772	46.271	ng	97
52) Acenaphthene	15.015	154	244662	46.459	ng	99
53) 3-Nitroaniline	14.880	138	46527	28.396	ng	98
54) 2,4-Dinitrophenol	15.074	184	81528	78.376	ng	# 74
55) Dibenzofuran	15.344	168	399026	45.957	ng	96
56) 4-Nitrophenol	15.156	139	106821	85.212	ng	89
57) 2,4-Dinitrotoluene	15.315	165	98805	45.897	ng	99
58) Fluorene	15.996	166	351423	48.717	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.555	232	85938	46.528	ng	96
60) Diethylphthalate	15.732	149	371863	46.989	ng	99
61) 4-Chlorophenyl-phenyle...	15.973	204	177405	47.781	ng	94
62) 4-Nitroaniline	16.043	138	61533	37.471	ng	93
63) Azobenzene	16.272	77	372721	42.381	ng	95
65) 4,6-Dinitro-2-methylph...	16.067	198	56092	41.149	ng	90
66) n-Nitrosodiphenylamine	16.196	169	302421	46.413	ng	98
67) 4-Bromophenyl-phenylether	16.872	248	118255	49.350	ng	94
68) Hexachlorobenzene	16.966	284	117856	52.696	ng	# 95
69) Atrazine	17.124	200	123514	59.124	ng	95
70) Pentachlorophenol	17.324	266	147351	86.358	ng	93
71) Phenanthrene	17.747	178	532613	46.965	ng	96
72) Anthracene	17.835	178	534118	45.329	ng	96
73) Carbazole	18.111	167	452836	43.991	ng	98
74) Di-n-butylphthalate	18.611	149	565066	45.413	ng	98
75) Fluoranthene	19.733	202	557694	41.007	ng	98
77) Benzidine	19.921	184	211337	51.031	ng	96
78) Pyrene	20.097	202	566500	45.589	ng	99
80) Butylbenzylphthalate	20.949	149	224307	44.022	ng	92
81) Benzo(a)anthracene	22.001	228	549944	44.009	ng	97
82) 3,3'-Dichlorobenzidine	21.913	252	149646	32.144	ng	# 95
83) Chrysene	22.077	228	452178m	39.474	ng	
84) Bis(2-ethylhexyl)phtha...	21.825	149	302520	42.472	ng	# 95
85) Di-n-octyl phthalate	23.147	149	497857	36.307	ng	97
87) Indeno(1,2,3-cd)pyrene	29.727	276	657039	46.753	ng	# 93
88) Benzo(b)fluoranthene	24.439	252	533097	52.369	ng	# 99
89) Benzo(k)fluoranthene	24.516	252	524469m	52.114	ng	
90) Benzo(a)pyrene	25.420	252	485817	44.717	ng	# 94
91) Dibenzo(a,h)anthracene	29.809	278	558351	46.960	ng	# 98
92) Benzo(g,h,i)perylene	31.049	276	497932	44.136	ng	98

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

