

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062823\
 Data File : BG057895.D
 Acq On : 28 Jun 2023 16:35
 Operator : CG/JU
 Sample : 03415-08MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESII-TP1MS

Quant Time: Jun 28 17:51:49 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 01:12:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	60178	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	250114	20.000	ng	0.00
39) Acenaphthene-d10	14.564	164	154525	20.000	ng	0.00
64) Phenanthrene-d10	17.308	188	328653	20.000	ng	0.00
76) Chrysene-d12	21.567	240	266959	20.000	ng	0.01
86) Perylene-d12	24.717	264	297248	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	456843	116.150	ng	0.00
7) Phenol-d6	7.090	99	628411	106.844	ng	0.00
23) Nitrobenzene-d5	9.088	82	376707	73.813	ng	0.00
42) 2,4,6-Tribromophenol	16.050	330	255741	98.536	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	765784	75.626	ng	0.00
79) Terphenyl-d14	19.922	244	1058298	72.272	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.394	88	62627	34.739	ng	99
3) Pyridine	3.788	79	170551	32.783	ng	98
4) n-Nitrosodimethylamine	3.706	42	87088	40.614	ng	92
6) Aniline	7.249	93	206778	28.143	ng	99
8) 2-Chlorophenol	7.490	128	197598	50.045	ng	99
9) Benzaldehyde	7.061	77	163521m	57.932	ng	
10) Phenol	7.120	94	264042	46.198	ng	97
11) bis(2-Chloroethyl)ether	7.343	93	188239	43.686	ng	99
12) 1,3-Dichlorobenzene	7.813	146	200501	49.368	ng	99
13) 1,4-Dichlorobenzene	7.960	146	200598	49.174	ng	99
14) 1,2-Dichlorobenzene	8.277	146	196993	49.899	ng	97
15) Benzyl Alcohol	8.159	79	185545	42.818	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	316375m	44.094	ng	
17) 2-Methylphenol	8.365	107	183339	43.269	ng	99
18) Hexachloroethane	9.006	117	70673	49.718	ng	99
19) n-Nitroso-di-n-propyla...	8.729	70	154026	39.137	ng	98
20) 3+4-Methylphenols	8.694	107	248170	42.038	ng	98
22) Acetophenone	8.747	105	302718	43.488	ng	# 100
24) Nitrobenzene	9.129	77	227405	44.392	ng	97
25) Isophorone	9.652	82	443110	40.213	ng	98
26) 2-Nitrophenol	9.840	139	102287	49.003	ng	97
27) 2,4-Dimethylphenol	9.899	122	190302	47.285	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	256690	43.348	ng	99
29) 2,4-Dichlorophenol	10.375	162	190093	48.163	ng	99
30) 1,2,4-Trichlorobenzene	10.592	180	212513	50.013	ng	100
31) Naphthalene	10.780	128	604098	45.247	ng	99
32) Benzoic acid	10.046	122	133237	42.327	ng	96
33) 4-Chloroaniline	10.886	127	152865	24.335	ng	100
34) Hexachlorobutadiene	11.062	225	130567	49.820	ng	98
35) Caprolactam	11.679	113	60783m	35.535	ng	
36) 4-Chloro-3-methylphenol	12.014	107	214449	40.925	ng	98
37) 2-Methylnaphthalene	12.384	142	409405	41.599	ng	99
38) 1-Methylnaphthalene	12.607	142	386367	41.546	ng	98
40) 1,2,4,5-Tetrachloroben...	12.754	216	228054	52.752	ng	99
41) Hexachlorocyclopentadiene	12.731	237	78070	33.592	ng	98
43) 2,4,6-Trichlorophenol	12.995	196	164525	51.628	ng	98

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44) 2,4,5-Trichlorophenol	13.071	196	174057	45.891	ng	97
46) 1,1'-Biphenyl	13.395	154	514768	48.908	ng	99
47) 2-Chloronaphthalene	13.442	162	404476	50.040	ng	98
48) 2-Nitroaniline	13.641	65	146048	45.347	ng	90
49) Acenaphthylene	14.282	152	640529	45.186	ng	99
50) Dimethylphthalate	14.017	163	502106	40.997	ng	98
51) 2,6-Dinitrotoluene	14.135	165	109071	42.892	ng	97
52) Acenaphthene	14.628	154	388501	46.915	ng	99
53) 3-Nitroaniline	14.464	138	102321	35.394	ng	98
54) 2,4-Dinitrophenol	14.670	184	19906	14.169	ng	97
55) Dibenzofuran	14.963	168	633621	44.609	ng	98
56) 4-Nitrophenol	14.781	139	197617	83.379	ng	98
57) 2,4-Dinitrotoluene	14.928	165	149541	40.527	ng	94
58) Fluorene	15.610	166	490338	42.772	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	148154	43.090	ng	99
60) Diethylphthalate	15.380	149	501491	38.845	ng	100
61) 4-Chlorophenyl-phenyle...	15.598	204	257147	41.819	ng	97
62) 4-Nitroaniline	15.633	138	109484	36.105	ng	98
63) Azobenzene	15.892	77	521760	42.262	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	18360	10.381	ng	100
66) n-Nitrosodiphenylamine	15.815	169	419029	49.960	ng	99
67) 4-Bromophenyl-phenylether	16.497	248	171257	49.364	ng	98
68) Hexachlorobenzene	16.614	284	186267	50.844	ng	98
69) Atrazine	16.767	200	165803	53.230	ng	99
70) Pentachlorophenol	16.961	266	243430	86.888	ng	99
71) Phenanthrene	17.349	178	1041240	66.000	ng	100
72) Anthracene	17.443	178	823007	50.581	ng	99
73) Carbazole	17.707	167	722779	46.719	ng	99
74) Di-n-butylphthalate	18.265	149	833043	43.566	ng	100
75) Fluoranthene	19.364	202	1171924	58.965	ng	98
77) Benzidine	19.540	184	511659	81.694	ng	99
78) Pyrene	19.722	202	1141142	59.866	ng	98
80) Butylbenzylphthalate	20.610	149	357454	46.245	ng	99
81) Benzo(a)anthracene	21.544	228	1004328	54.363	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	280842	42.722	ng	99
83) Chrysene	21.614	228	918690	52.536	ng	100
84) Bis(2-ethylhexyl)phtha...	21.450	149	510564	46.523	ng	99
85) Di-n-octyl phthalate	22.637	149	923956	47.710	ng	98
87) Indeno(1,2,3-cd)pyrene	28.306	276	667206	33.883	ng	# 92
88) Benzo(b)fluoranthene	23.724	252	881177	54.352	ng	99
89) Benzo(k)fluoranthene	23.788	252	935401	57.087	ng	100
90) Benzo(a)pyrene	24.576	252	803977	50.061	ng	99
91) Dibenzo(a,h)anthracene	28.377	278	517140	31.659	ng	98
92) Benzo(g,h,i)perylene	29.440	276	459143m	28.283	ng	

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

