

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081623\
 Data File : BG058749.D
 Acq On : 16 Aug 2023 15:25
 Operator : MA/JU
 Sample : PB154284BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154284BS

Quant Time: Aug 16 16:04:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/17/2023
 Supervised By :mohammad ahmed 08/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	24643	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	107160	20.000	ng	0.00
39) Acenaphthene-d10	14.462	164	78630	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	201650	20.000	ng	0.00
76) Chrysene-d12	21.454	240	176657	20.000	ng	0.00
86) Perylene-d12	24.527	264	223093	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	246415	152.836	ng	0.00
7) Phenol-d6	6.989	99	337729	150.539	ng	0.00
23) Nitrobenzene-d5	8.981	82	208557	95.609	ng	0.00
42) 2,4,6-Tribromophenol	15.955	330	175957	136.528	ng	0.00
45) 2-Fluorobiphenyl	13.082	172	485231	92.479	ng	0.00
79) Terphenyl-d14	19.827	244	926624	98.640	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	28080	35.942	ng	# 87
3) Pyridine	3.657	79	69875	32.805	ng	# 79
4) n-Nitrosodimethylamine	3.581	42	47437	52.562	ng	80
6) Aniline	7.136	93	100560	36.407	ng	96
8) 2-Chlorophenol	7.377	128	88250	55.795	ng	98
9) Benzaldehyde	6.948	77	47321	38.824	ng	95
10) Phenol	7.012	94	122797	56.033	ng	95
11) bis(2-Chloroethyl)ether	7.236	93	80003	46.306	ng	95
12) 1,3-Dichlorobenzene	7.700	146	83920	49.688	ng	97
13) 1,4-Dichlorobenzene	7.847	146	88332	52.087	ng	98
14) 1,2-Dichlorobenzene	8.164	146	85363	52.649	ng	99
15) Benzyl Alcohol	8.052	79	89458	62.877	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.340	45	174465m	62.165	ng	
17) 2-Methylphenol	8.264	107	82611	51.555	ng	99
18) Hexachloroethane	8.887	117	32497	52.721	ng	95
19) n-Nitroso-di-n-propyla...	8.616	70	70817	48.869	ng	91
20) 3+4-Methylphenols	8.587	107	111784	51.574	ng	98
22) Acetophenone	8.634	105	138572	48.294	ng	95
24) Nitrobenzene	9.022	77	105220	47.447	ng	95
25) Isophorone	9.539	82	204775	45.434	ng	99
26) 2-Nitrophenol	9.727	139	49496	51.273	ng	94
27) 2,4-Dimethylphenol	9.791	122	86745	54.174	ng	95
28) bis(2-Chloroethoxy)met...	10.020	93	116424	47.466	ng	97
29) 2,4-Dichlorophenol	10.267	162	87747	52.779	ng	100
30) 1,2,4-Trichlorobenzene	10.479	180	96444	50.301	ng	98
31) Naphthalene	10.661	128	268320	47.507	ng	99
32) Benzoic acid	9.956	122	50610	42.029	ng	95
33) 4-Chloroaniline	10.778	127	69510	29.129	ng	99
34) Hexachlorobutadiene	10.943	225	62052	50.255	ng	97
35) Caprolactam	11.560	113	31659m	51.567	ng	
36) 4-Chloro-3-methylphenol	11.912	107	106014	51.548	ng	97
37) 2-Methylnaphthalene	12.277	142	190353	47.116	ng	96
38) 1-Methylnaphthalene	12.500	142	180011	46.873	ng	97
40) 1,2,4,5-Tetrachloroben...	12.647	216	110818	45.906	ng	99
41) Hexachlorocyclopentadiene	12.623	237	108035	94.960	ng	97
43) 2,4,6-Trichlorophenol	12.894	196	81501	49.085	ng	97

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44) 2,4,5-Trichlorophenol	12.970	196	87060	44.516	ng	97
46) 1,1'-Biphenyl	13.293	154	253939	47.026	ng	98
47) 2-Chloronaphthalene	13.334	162	203451	48.322	ng	98
48) 2-Nitroaniline	13.546	65	81659	50.813	ng	97
49) Acenaphthylene	14.180	152	331628	47.046	ng	99
50) Dimethylphthalate	13.922	163	282238	47.794	ng	99
51) 2,6-Dinitrotoluene	14.045	165	63408	48.936	ng	97
52) Acenaphthene	14.527	154	194346	47.715	ng	99
53) 3-Nitroaniline	14.374	138	43092	33.241	ng	# 99
54) 2,4-Dinitrophenol	14.592	184	70840	95.395	ng	95
55) Dibenzofuran	14.862	168	331486	47.363	ng	97
56) 4-Nitrophenol	14.697	139	96845	99.952	ng	86
57) 2,4-Dinitrotoluene	14.838	165	92110	51.276	ng	97
58) Fluorene	15.508	166	270018	48.565	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.091	232	84100	50.395	ng	98
60) Diethylphthalate	15.279	149	298279	49.581	ng	99
61) 4-Chlorophenyl-phenyle...	15.502	204	148736	47.983	ng	99
62) 4-Nitroaniline	15.543	138	65237	53.122	ng	90
63) Azobenzene	15.796	77	279142	47.108	ng	97
65) 4,6-Dinitro-2-methylph...	15.602	198	56137	50.489	ng	99
66) n-Nitrosodiphenylamine	15.720	169	242081	46.125	ng	98
67) 4-Bromophenyl-phenylether	16.395	248	101985	44.591	ng	97
68) Hexachlorobenzene	16.513	284	115476	47.647	ng	96
69) Atrazine	16.672	200	105874	59.757	ng	97
70) Pentachlorophenol	16.865	266	119814	81.676	ng	99
71) Phenanthrene	17.247	178	453705	47.443	ng	99
72) Anthracene	17.341	178	461120	46.993	ng	100
73) Carbazole	17.612	167	433895	50.144	ng	98
74) Di-n-butylphthalate	18.164	149	540258	49.847	ng	99
75) Fluoranthene	19.263	202	558551	48.623	ng	98
77) Benzidine	19.451	184	197723	73.809	ng	99
78) Pyrene	19.627	202	572327	47.605	ng	98
80) Butylbenzylphthalate	20.514	149	239297	48.457	ng	95
81) Benzo(a)anthracene	21.431	228	582717	47.931	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	175115	42.602	ng	98
83) Chrysene	21.495	228	541961	46.495	ng	98
84) Bis(2-ethylhexyl)phtha...	21.337	149	347980	48.220	ng	100
85) Di-n-octyl phthalate	22.482	149	615337	48.499	ng	96
87) Indeno(1,2,3-cd)pyrene	28.035	276	715861	48.233	ng	# 88
88) Benzo(b)fluoranthene	23.552	252	615336	50.854	ng	100
89) Benzo(k)fluoranthene	23.616	252	603813	49.673	ng	100
90) Benzo(a)pyrene	24.380	252	549745	46.263	ng	98
91) Dibenzo(a,h)anthracene	28.082	278	603420	49.171	ng	98
92) Benzo(g,h,i)perylene	29.122	276	580334	47.160	ng	98

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

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