

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058875.D
 Acq On : 28 Aug 2023 16:02
 Operator : MA/JU
 Sample : 04188-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-7MSD

Quant Time: Aug 29 01:13:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh
 Patel

08/29/2023
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	15356	20.000	ng	-0.02
21) Naphthalene-d8	10.602	136	60861	20.000	ng	-0.03
39) Acenaphthene-d10	14.451	164	42307	20.000	ng	-0.02
64) Phenanthrene-d10	17.200	188	109288	20.000	ng	-0.02
76) Chrysene-d12	21.442	240	102395	20.000	ng	-0.02
86) Perylene-d12	24.509	264	126830	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	118022	123.683	ng	-0.02
7) Phenol-d6	6.977	99	149866	111.941	ng	-0.03
23) Nitrobenzene-d5	8.969	82	103308	81.609	ng	-0.03
42) 2,4,6-Tribromophenol	15.949	330	94211	142.020	ng	-0.02
45) 2-Fluorobiphenyl	13.070	172	235965	81.122	ng	-0.03
79) Terphenyl-d14	19.821	244	518204	90.872	ng	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.270	88	16370	36.489	ng	# 36
3) Pyridine	3.675	79	38523	32.495	ng	92
4) n-Nitrosodimethylamine	3.581	42	29464	45.715	ng	92
6) Aniline	7.130	93	34854	21.297	ng	97
8) 2-Chlorophenol	7.371	128	44240	45.853	ng	95
9) Benzaldehyde	6.942	77	16938m	22.555	ng	
10) Phenol	7.006	94	52885	40.965	ng	99
11) bis(2-Chloroethyl)ether	7.224	93	42697	42.386	ng	96
12) 1,3-Dichlorobenzene	7.688	146	45875	44.763	ng	98
13) 1,4-Dichlorobenzene	7.841	146	47797	46.121	ng	95
14) 1,2-Dichlorobenzene	8.152	146	45752	45.677	ng	97
15) Benzyl Alcohol	8.046	79	43872	45.833	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.334	45	94975m	44.241	ng	
17) 2-Methylphenol	8.252	107	38535	40.641	ng	95
18) Hexachloroethane	8.881	117	16613	43.997	ng	88
19) n-Nitroso-di-n-propyla...	8.610	70	34290	39.623	ng	98
20) 3+4-Methylphenols	8.587	107	51604	40.481	ng	97
22) Acetophenone	8.628	105	70992	43.091	ng	# 99
24) Nitrobenzene	9.010	77	52449	41.658	ng	96
25) Isophorone	9.527	82	101640	40.375	ng	99
26) 2-Nitrophenol	9.721	139	23412	44.461	ng	92
27) 2,4-Dimethylphenol	9.785	122	38402	43.031	ng	96
28) bis(2-Chloroethoxy)met...	10.015	93	55527	41.641	ng	97
29) 2,4-Dichlorophenol	10.267	162	44016	47.998	ng	97
30) 1,2,4-Trichlorobenzene	10.467	180	48890	44.149	ng	99
31) Naphthalene	10.655	128	136243	42.635	ng	99
32) Benzoic acid	9.938	122	18710	35.856	ng	95
33) 4-Chloroaniline	10.784	127	10141	7.525	ng	97
34) Hexachlorobutadiene	10.931	225	33435	44.736	ng	95
35) Caprolactam	11.548	113	14034m	42.708	ng	
36) 4-Chloro-3-methylphenol	11.906	107	52609	46.132	ng	96
37) 2-Methylnaphthalene	12.271	142	93170	40.594	ng	99
38) 1-Methylnaphthalene	12.488	142	89020	40.860	ng	99
40) 1,2,4,5-Tetrachloroben...	12.641	216	55963	42.908	ng	99
41) Hexachlorocyclopentadiene	12.617	237	40649	79.310	ng	98
43) 2,4,6-Trichlorophenol	12.888	196	40608	48.931	ng	99

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44) 2,4,5-Trichlorophenol	12.970	196	42844	43.111	ng	98
46) 1,1'-Biphenyl	13.281	154	125303	42.994	ng	97
47) 2-Chloronaphthalene	13.328	162	100564	44.278	ng	99
48) 2-Nitroaniline	13.540	65	39247	45.499	ng	98
49) Acenaphthylene	14.174	152	166571	44.225	ng	99
50) Dimethylphthalate	13.910	163	140621	42.928	ng	99
51) 2,6-Dinitrotoluene	14.039	165	31471	45.730	ng	96
52) Acenaphthene	14.515	154	95070	43.193	ng	99
53) 3-Nitroaniline	14.368	138	14804	22.304	ng	# 91
54) 2,4-Dinitrophenol	14.592	184	25586	67.680	ng	96
55) Dibenzofuran	14.850	168	164687	43.376	ng	100
56) 4-Nitrophenol	14.691	139	44530	92.027	ng	93
57) 2,4-Dinitrotoluene	14.832	165	46711	48.664	ng	98
58) Fluorene	15.502	166	134144	44.395	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.085	232	44125	54.410	ng	# 95
60) Diethylphthalate	15.273	149	150534	44.571	ng	98
61) 4-Chlorophenyl-phenyle...	15.491	204	73518	43.897	ng	95
62) 4-Nitroaniline	15.538	138	33515	49.756	ng	94
63) Azobenzene	15.784	77	130733	42.156	ng	97
65) 4,6-Dinitro-2-methylph...	15.602	198	24399	39.497	ng	94
66) n-Nitrosodiphenylamine	15.708	169	121571	43.160	ng	98
67) 4-Bromophenyl-phenylether	16.384	248	51425	42.880	ng	97
68) Hexachlorobenzene	16.507	284	58487	45.313	ng	97
69) Atrazine	16.660	200	55173	55.347	ng	96
70) Pentachlorophenol	16.860	266	56228	83.077	ng	95
71) Phenanthrene	17.241	178	234058	44.611	ng	100
72) Anthracene	17.330	178	238215	45.270	ng	98
73) Carbazole	17.606	167	233568	48.471	ng	99
74) Di-n-butylphthalate	18.158	149	283737	46.677	ng	100
75) Fluoranthene	19.257	202	307360	47.240	ng	99
77) Benzidine	19.451	184	43523	23.717	ng	99
78) Pyrene	19.621	202	314811	44.125	ng	98
80) Butylbenzylphthalate	20.508	149	129361	44.707	ng	98
81) Benzo(a)anthracene	21.419	228	319163	44.778	ng	97
82) 3,3'-Dichlorobenzidine	21.342	252	65911	26.785	ng	94
83) Chrysene	21.483	228	294372	42.848	ng	98
84) Bis(2-ethylhexyl)phtha...	21.325	149	184492	43.473	ng	100
85) Di-n-octyl phthalate	22.471	149	320772	43.945	ng	99
87) Indeno(1,2,3-cd)pyrene	27.999	276	388129	45.232	ng	99
88) Benzo(b)fluoranthene	23.534	252	328809	46.725	ng	98
89) Benzo(k)fluoranthene	23.599	252	315592	43.485	ng	98
90) Benzo(a)pyrene	24.362	252	290996	41.996	ng	99
91) Dibenzo(a,h)anthracene	28.052	278	323209	45.838	ng	97
92) Benzo(g,h,i)perylene	29.092	276	316488	44.894	ng	98

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

