

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
 Data File : BG060796.D
 Acq On : 5 Apr 2024 15:01
 Operator : MA/JU
 Sample : P1996-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/08/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 01:43:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	65726	20.000	ng	0.00
21) Naphthalene-d8	10.750	136	258408	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	200607	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	468783	20.000	ng	0.00
76) Chrysene-d12	21.596	240	434277	20.000	ng	0.00
86) Perylene-d12	24.733	264	510078	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	335450	85.023	ng	0.00
7) Phenol-d6	7.119	99	481368	82.194	ng	0.00
23) Nitrobenzene-d5	9.111	82	301292	66.531	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	252936	111.073	ng	0.00
45) 2-Fluorobiphenyl	13.212	172	726524	53.152	ng	0.00
79) Terphenyl-d14	19.957	244	1305575	52.936	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	58120	35.930	ng	100
3) Pyridine	3.852	79	157291	32.237	ng	98
4) n-Nitrosodimethylamine	3.764	42	123754	42.431	ng	# 94
6) Aniline	7.277	93	144195	19.497	ng	96
8) 2-Chlorophenol	7.518	128	188116	42.057	ng	96
9) Benzaldehyde	7.089	77	21063m	6.522	ng	
10) Phenol	7.142	94	250690	41.943	ng	99
11) bis(2-Chloroethyl)ether	7.377	93	170890	35.414	ng	98
12) 1,3-Dichlorobenzene	7.847	146	194652	41.847	ng	98
13) 1,4-Dichlorobenzene	7.988	146	196759	41.462	ng	99
14) 1,2-Dichlorobenzene	8.306	146	191458	41.169	ng	99
15) Benzyl Alcohol	8.188	79	183487	38.678	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.476	45	411842	37.818	ng	100
17) 2-Methylphenol	8.394	107	165530	36.686	ng	98
18) Hexachloroethane	9.040	117	70857	42.041	ng	# 88
19) n-Nitroso-di-n-propyla...	8.758	70	151645	33.954	ng	# 97
20) 3+4-Methylphenols	8.717	107	225929	36.566	ng	95
22) Acetophenone	8.770	105	289947	40.693	ng	96
24) Nitrobenzene	9.152	77	219873	43.871	ng	97
25) Isophorone	9.675	82	401099	38.454	ng	99
26) 2-Nitrophenol	9.857	139	98342	54.248	ng	91
27) 2,4-Dimethylphenol	9.921	122	141913	33.870	ng	99
28) bis(2-Chloroethoxy)met...	10.162	93	234454	38.073	ng	97
29) 2,4-Dichlorophenol	10.397	162	184461	47.942	ng	99
30) 1,2,4-Trichlorobenzene	10.615	180	196364	45.071	ng	95
31) Naphthalene	10.803	128	568571	40.675	ng	99
32) Benzoic acid	10.051	122	140704	50.121	ng	97
33) 4-Chloroaniline	10.903	127	84865	13.071	ng	98
34) Hexachlorobutadiene	11.096	225	135442	46.646	ng	98
35) Caprolactam	11.672	113	63055m	41.378	ng	
36) 4-Chloro-3-methylphenol	12.031	107	214917	43.725	ng	98
37) 2-Methylnaphthalene	12.407	142	404700	39.380	ng	99
38) 1-Methylnaphthalene	12.630	142	373785	38.501	ng	99
40) 1,2,4,5-Tetrachloroben...	12.777	216	254840	44.188	ng	99
41) Hexachlorocyclopentadiene	12.765	237	271143	92.461	ng	98
43) 2,4,6-Trichlorophenol	13.012	196	176715	47.586	ng	95

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44) 2,4,5-Trichlorophenol	13.082	196	199204	44.949	ng	98
46) 1,1'-Biphenyl	13.417	154	577722	40.772	ng	98
47) 2-Chloronaphthalene	13.458	162	453792	42.152	ng	98
48) 2-Nitroaniline	13.652	65	171142	48.876	ng	93
49) Acenaphthylene	14.304	152	781908	43.226	ng	99
50) Dimethylphthalate	14.046	163	619423	39.065	ng	99
51) 2,6-Dinitrotoluene	14.152	165	129514	45.793	ng	93
52) Acenaphthene	14.651	154	525288m	46.251	ng	
53) 3-Nitroaniline	14.481	138	76620	25.992	ng	99
54) 2,4-Dinitrophenol	14.686	184	158741	143.829	ng	91
55) Dibenzofuran	14.986	168	725991	40.525	ng	100
56) 4-Nitrophenol	14.792	139	232597	100.344	ng	97
57) 2,4-Dinitrotoluene	14.939	165	190779	51.266	ng	98
58) Fluorene	15.632	166	586279	40.777	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.209	232	190175	49.240	ng	98
60) Diethylphthalate	15.415	149	611787	38.351	ng	98
61) 4-Chlorophenyl-phenyle...	15.632	204	314094	41.293	ng	92
62) 4-Nitroaniline	15.644	138	135539	46.754	ng	97
63) Azobenzene	15.920	77	608030	39.114	ng	97
65) 4,6-Dinitro-2-methylph...	15.709	198	112794	56.793	ng	98
66) n-Nitrosodiphenylamine	15.844	169	550793	41.116	ng	98
67) 4-Bromophenyl-phenylether	16.525	248	216928	45.597	ng	98
68) Hexachlorobenzene	16.637	284	248791	46.324	ng	96
69) Atrazine	16.796	200	208716	44.554	ng	99
70) Pentachlorophenol	16.978	266	341104	97.337	ng	98
71) Phenanthrene	17.371	178	1004137	41.186	ng	100
72) Anthracene	17.465	178	1028074	41.522	ng	100
73) Carbazole	17.730	167	902452	41.339	ng	98
74) Di-n-butylphthalate	18.312	149	1079707	39.671	ng	99
75) Fluoranthene	19.387	202	1207738	40.824	ng	97
77) Benzidine	19.563	184	462526	40.447	ng	99
78) Pyrene	19.745	202	1239668	40.816	ng	99
80) Butylbenzylphthalate	20.656	149	486070	43.871	ng	94
81) Benzo(a)anthracene	21.578	228	1285764	42.002	ng	100
82) 3,3'-Dichlorobenzidine	21.496	252	317294	30.697	ng	99
83) Chrysene	21.643	228	1225442	41.533	ng	100
84) Bis(2-ethylhexyl)phtha...	21.520	149	717549	40.633	ng	98
85) Di-n-octyl phthalate	22.718	149	1259701	43.787	ng	100
87) Indeno(1,2,3-cd)pyrene	28.306	276	1607272	44.746	ng	# 96
88) Benzo(b)fluoranthene	23.746	252	1293177	44.130	ng	99
89) Benzo(k)fluoranthene	23.811	252	1245614	41.529	ng	99
90) Benzo(a)pyrene	24.592	252	1198118	42.072	ng	99
91) Dibenzo(a,h)anthracene	28.382	278	1294387	42.748	ng	98
92) Benzo(g,h,i)perylene	29.416	276	1217278	41.327	ng	99

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

