

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060809.D
 Acq On : 6 Apr 2024 13:31
 Operator : MA/JU
 Sample : P1995-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 280648MSD

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 02:05:05 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	7.955	152	66867	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	266629	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	194563	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	419131	20.000	ng	0.00
76) Chrysene-d12	21.598	240	397300	20.000	ng	0.00
86) Perylene-d12	24.735	264	473215	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	488193	121.626	ng	0.01
7) Phenol-d6	7.120	99	622679	104.509	ng	0.00
23) Nitrobenzene-d5	9.112	82	479744	102.671	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	361759	163.795	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1192534	89.955	ng	-0.01
79) Terphenyl-d14	19.958	244	1969593	87.292	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.478	88	60450	36.733	ng	99
3) Pyridine	3.871	79	145351	29.281	ng	91
4) n-Nitrosodimethylamine	3.771	42	127880	43.098	ng	93
6) Aniline	7.279	93	118225	15.713	ng	98
8) 2-Chlorophenol	7.520	128	196521	43.186	ng	98
9) Benzaldehyde	7.091	77	19987m	6.083	ng	
10) Phenol	7.144	94	225200	37.036	ng	95
11) bis(2-Chloroethyl)ether	7.379	93	183859	37.451	ng	99
12) 1,3-Dichlorobenzene	7.843	146	201450	42.570	ng	99
13) 1,4-Dichlorobenzene	7.990	146	211747	43.859	ng	96
14) 1,2-Dichlorobenzene	8.307	146	203747	43.064	ng	98
15) Benzyl Alcohol	8.190	79	201758	41.804	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.478	45	439067	39.630	ng	97
17) 2-Methylphenol	8.395	107	171759	37.417	ng	97
18) Hexachloroethane	9.036	117	76309	44.503	ng	# 87
19) n-Nitroso-di-n-propyla...	8.760	70	163157	35.909	ng	# 97
20) 3+4-Methylphenols	8.719	107	228709	36.384	ng	95
22) Acetophenone	8.771	105	318013	43.256	ng	# 98
24) Nitrobenzene	9.148	77	238502	45.979	ng	97
25) Isophorone	9.676	82	438287	40.724	ng	99
26) 2-Nitrophenol	9.858	139	104107	55.394	ng	94
27) 2,4-Dimethylphenol	9.923	122	149626	34.610	ng	98
28) bis(2-Chloroethoxy)met...	10.158	93	256718	40.403	ng	99
29) 2,4-Dichlorophenol	10.399	162	196707	49.548	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	214862	47.796	ng	99
31) Naphthalene	10.799	128	622942	43.191	ng	99
32) Benzoic acid	9.999	122	31831	16.326	ng	92
33) 4-Chloroaniline	10.898	127	33640	5.022	ng	# 93
34) Hexachlorobutadiene	11.092	225	148988	49.729	ng	98
35) Caprolactam	11.674	113	54320m	34.547	ng	
36) 4-Chloro-3-methylphenol	12.032	107	227710	44.900	ng	98
37) 2-Methylnaphthalene	12.408	142	434863	41.010	ng	99
38) 1-Methylnaphthalene	12.626	142	413637	41.292	ng	98
40) 1,2,4,5-Tetrachloroben...	12.779	216	283081	50.609	ng	99
41) Hexachlorocyclopentadiene	12.761	237	255462	89.820	ng	96
43) 2,4,6-Trichlorophenol	13.014	196	197095	54.723	ng	99

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44) 2,4,5-Trichlorophenol	13.084	196	211247	49.147	ng	98
46) 1,1'-Biphenyl	13.419	154	629693	45.820	ng	97
47) 2-Chloronaphthalene	13.460	162	495371	47.443	ng	99
48) 2-Nitroaniline	13.654	65	182175	52.885	ng	95
49) Acenaphthylene	14.306	152	826356	47.102	ng	99
50) Dimethylphthalate	14.042	163	665415	43.269	ng	100
51) 2,6-Dinitrotoluene	14.153	165	139467	50.459	ng	92
52) Acenaphthene	14.647	154	491967	44.663	ng	99
53) 3-Nitroaniline	14.477	138	66878	23.677	ng	93
54) 2,4-Dinitrophenol	14.688	184	50532	47.207	ng	# 89
55) Dibenzofuran	14.982	168	761115	43.806	ng	98
56) 4-Nitrophenol	14.788	139	198677	88.373	ng	97
57) 2,4-Dinitrotoluene	14.941	165	194396	53.573	ng	97
58) Fluorene	15.634	166	615865	44.165	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.205	232	193469	51.649	ng	96
60) Diethylphthalate	15.417	149	639715	41.347	ng	99
61) 4-Chlorophenyl-phenyle...	15.628	204	331227	44.898	ng	96
62) 4-Nitroaniline	15.646	138	135374	48.147	ng	97
63) Azobenzene	15.922	77	618944	41.053	ng	95
65) 4,6-Dinitro-2-methylph...	15.705	198	58090	35.696	ng	93
66) n-Nitrosodiphenylamine	15.840	169	566322	47.283	ng	97
67) 4-Bromophenyl-phenylether	16.527	248	223157	52.463	ng	97
68) Hexachlorobenzene	16.639	284	254788	53.061	ng	98
69) Atrazine	16.797	200	210849	50.341	ng	99
70) Pentachlorophenol	16.979	266	232581	74.232	ng	99
71) Phenanthrene	17.373	178	996008	45.692	ng	100
72) Anthracene	17.467	178	1018141	45.992	ng	99
73) Carbazole	17.732	167	891628	45.682	ng	99
74) Di-n-butylphthalate	18.313	149	1057178	43.445	ng	100
75) Fluoranthene	19.388	202	1206382	45.608	ng	97
77) Benzidine	19.565	184	233838	22.352	ng	98
78) Pyrene	19.747	202	1261912	45.415	ng	99
80) Butylbenzylphthalate	20.652	149	483816	47.732	ng	98
81) Benzo(a)anthracene	21.580	228	1312737	46.874	ng	100
82) 3,3'-Dichlorobenzidine	21.492	252	251193	26.564	ng	97
83) Chrysene	21.639	228	1240589	45.959	ng	100
84) Bis(2-ethylhexyl)phtha...	21.515	149	719821	44.556	ng	99
85) Di-n-octyl phthalate	22.714	149	1251223	47.541	ng	99
87) Indeno(1,2,3-cd)pyrene	28.307	276	1604205	48.140	ng	# 95
88) Benzo(b)fluoranthene	23.742	252	1302564	47.913	ng	99
89) Benzo(k)fluoranthene	23.813	252	1309258	47.052	ng	97
90) Benzo(a)pyrene	24.588	252	1220836	46.210	ng	99
91) Dibenzo(a,h)anthracene	28.378	278	1305189	46.462	ng	95
92) Benzo(g,h,i)perylene	29.406	276	1220519	44.665	ng	98

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

