

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040824\
 Data File : BG060830.D
 Acq On : 8 Apr 2024 17:54
 Operator : MA/JU
 Sample : PB160030BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160030BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

04/10/2024
 Supervised By :mohammad
 ahmed

Quant Time: Apr 08 18:53:26 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	7.947	152	58997	20.000	ng	-0.01
21) Naphthalene-d8	10.744	136	243786	20.000	ng	-0.01
39) Acenaphthene-d10	14.581	164	194964	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	470748	20.000	ng	-0.01
76) Chrysene-d12	21.590	240	433148	20.000	ng	-0.01
86) Perylene-d12	24.722	264	484134	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	473588	133.726	ng	0.00
7) Phenol-d6	7.113	99	650160	123.677	ng	0.00
23) Nitrobenzene-d5	9.105	82	431369	100.968	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	373320	168.682	ng	0.00
45) 2-Fluorobiphenyl	13.206	172	1102686	83.007	ng	-0.01
79) Terphenyl-d14	19.951	244	2053565	83.482	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.453	88	47736	32.877	ng	91
3) Pyridine	3.840	79	126311	28.840	ng	91
4) n-Nitrosodimethylamine	3.752	42	112777	43.078	ng	93
6) Aniline	7.272	93	104982	15.814	ng	99
8) 2-Chlorophenol	7.513	128	187324	46.656	ng	93
9) Benzaldehyde	7.084	77	17444m	6.018	ng	
10) Phenol	7.142	94	239478	44.637	ng	97
11) bis(2-Chloroethyl)ether	7.372	93	160240	36.994	ng	98
12) 1,3-Dichlorobenzene	7.836	146	183250	43.890	ng	97
13) 1,4-Dichlorobenzene	7.983	146	189107	44.395	ng	97
14) 1,2-Dichlorobenzene	8.300	146	187427	44.899	ng	97
15) Benzyl Alcohol	8.182	79	186186	43.724	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.470	45	408283	41.767	ng	100
17) 2-Methylphenol	8.388	107	173915	42.941	ng	98
18) Hexachloroethane	9.028	117	67320	44.498	ng	89
19) n-Nitroso-di-n-propyla...	8.752	70	157008	39.165	ng	# 99
20) 3+4-Methylphenols	8.717	107	239225	43.134	ng	93
22) Acetophenone	8.764	105	298084	44.344	ng	98
24) Nitrobenzene	9.146	77	222322	46.822	ng	96
25) Isophorone	9.669	82	426821	43.375	ng	99
26) 2-Nitrophenol	9.857	139	94953	55.283	ng	95
27) 2,4-Dimethylphenol	9.922	122	156400	39.566	ng	99
28) bis(2-Chloroethoxy)met...	10.157	93	243051	41.836	ng	98
29) 2,4-Dichlorophenol	10.392	162	193976	53.439	ng	96
30) 1,2,4-Trichlorobenzene	10.609	180	195692	47.611	ng	99
31) Naphthalene	10.797	128	573518	43.490	ng	100
32) Benzoic acid	10.057	122	143601	53.662	ng	99
33) 4-Chloroaniline	10.897	127	85986	14.038	ng	97
34) Hexachlorobutadiene	11.085	225	137131	50.060	ng	95
35) Caprolactam	11.672	113	66010m	45.915	ng	
36) 4-Chloro-3-methylphenol	12.025	107	227642	49.092	ng	98
37) 2-Methylnaphthalene	12.407	142	409285	42.215	ng	99
38) 1-Methylnaphthalene	12.624	142	392915	42.899	ng	97
40) 1,2,4,5-Tetrachloroben...	12.771	216	263053	46.932	ng	99
41) Hexachlorocyclopentadiene	12.754	237	297227	104.290	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	186069	51.555	ng	98

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44) 2,4,5-Trichlorophenol	13.088	196	207920	48.274	ng	96
46) 1,1'-Biphenyl	13.412	154	589267	42.790	ng	99
47) 2-Chloronaphthalene	13.453	162	464934	44.437	ng	98
48) 2-Nitroaniline	13.652	65	171611	50.189	ng	98
49) Acenaphthylene	14.299	152	792220	45.063	ng	99
50) Dimethylphthalate	14.040	163	661823	42.947	ng	100
51) 2,6-Dinitrotoluene	14.152	165	137340	49.648	ng	93
52) Acenaphthene	14.645	154	547910m	49.639	ng	
53) 3-Nitroaniline	14.475	138	88498	30.353	ng	# 97
54) 2,4-Dinitrophenol	14.687	184	174559	162.738	ng	89
55) Dibenzofuran	14.980	168	754748	43.350	ng	99
56) 4-Nitrophenol	14.792	139	248486	110.301	ng	97
57) 2,4-Dinitrotoluene	14.939	165	196889	54.086	ng	90
58) Fluorene	15.627	166	612992	43.869	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.204	232	200294	53.361	ng	97
60) Diethylphthalate	15.409	149	657352	42.400	ng	99
61) 4-Chlorophenyl-phenyle...	15.627	204	331473	44.839	ng	93
62) 4-Nitroaniline	15.644	138	143963	51.097	ng	97
63) Azobenzene	15.920	77	621371	41.130	ng	94
65) 4,6-Dinitro-2-methylph...	15.703	198	115446	57.751	ng	98
66) n-Nitrosodiphenylamine	15.838	169	576228	42.835	ng	98
67) 4-Bromophenyl-phenylether	16.520	248	233879	48.955	ng	98
68) Hexachlorobenzene	16.631	284	266206	49.360	ng	98
69) Atrazine	16.790	200	178589	37.964	ng	98
70) Pentachlorophenol	16.978	266	353586	100.478	ng	96
71) Phenanthrene	17.372	178	1053960	43.049	ng	100
72) Anthracene	17.460	178	1071161	43.081	ng	99
73) Carbazole	17.724	167	948497	43.267	ng	98
74) Di-n-butylphthalate	18.306	149	1121169	41.023	ng	99
75) Fluoranthene	19.381	202	1292638	43.511	ng	97
77) Benzidine	19.557	184	373924	32.784	ng	98
78) Pyrene	19.739	202	1333386	44.016	ng	99
80) Butylbenzylphthalate	20.644	149	491771	44.502	ng	99
81) Benzo(a)anthracene	21.573	228	1360152	44.548	ng	100
82) 3,3'-Dichlorobenzidine	21.484	252	372361	36.119	ng	98
83) Chrysene	21.637	228	1283262	43.606	ng	99
84) Bis(2-ethylhexyl)phtha...	21.508	149	723043	41.051	ng	98
85) Di-n-octyl phthalate	22.707	149	1255295	43.748	ng	100
87) Indeno(1,2,3-cd)pyrene	28.282	276	1638835	48.070	ng	# 96
88) Benzo(b)fluoranthene	23.735	252	1328366	47.760	ng	98
89) Benzo(k)fluoranthene	23.799	252	1357700m	47.692	ng	
90) Benzo(a)pyrene	24.575	252	1227137	45.400	ng	98
91) Dibenzo(a,h)anthracene	28.347	278	1371167	47.710	ng	97
92) Benzo(g,h,i)perylene	29.387	276	1285042	45.965	ng	98

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

