

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
 Data File : BG063163.D
 Acq On : 4 Nov 2024 20:05
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
 Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 01:47:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	101964	20.000	ng	0.00
21) Naphthalene-d8	10.632	136	405858	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	304232	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	748828	20.000	ng	0.00
76) Chrysene-d12	21.478	240	968849	20.000	ng	0.00
86) Perylene-d12	24.510	264	1138840	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.432	112	491501	74.746	ng	0.00
7) Phenol-d6	7.018	99	674897	78.322	ng	0.00
23) Nitrobenzene-d5	8.998	82	723307	77.511	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	400598	77.518	ng	0.00
45) 2-Fluorobiphenyl	13.094	172	1582516	77.043	ng	0.00
79) Terphenyl-d14	19.856	244	3631454	77.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	101219	39.176	ng	96
3) Pyridine	3.740	79	280378	44.953	ng	99
4) n-Nitrosodimethylamine	3.658	42	151715	39.159	ng	89
6) Aniline	7.171	93	298978	38.581	ng	96
8) 2-Chlorophenol	7.412	128	245563	40.212	ng	98
9) Benzaldehyde	6.983	77	230926	43.128	ng	87
10) Phenol	7.048	94	356266	38.594	ng	97
11) bis(2-Chloroethyl)ether	7.271	93	244431	39.260	ng	88
12) 1,3-Dichlorobenzene	7.735	146	275000	37.117	ng	99
13) 1,4-Dichlorobenzene	7.876	146	291817	38.637	ng	95
14) 1,2-Dichlorobenzene	8.193	146	274007	37.636	ng	93
15) Benzyl Alcohol	8.082	79	271941	39.275	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.370	45	446530	39.540	ng	98
17) 2-Methylphenol	8.287	107	226295	38.536	ng	98
18) Hexachloroethane	8.922	117	107830	39.893	ng	94
19) n-Nitroso-di-n-propyla...	8.646	70	235358	39.219	ng	98
20) 3+4-Methylphenols	8.611	107	312533	39.906	ng	93
22) Acetophenone	8.658	105	433023	39.816	ng	# 98
24) Nitrobenzene	9.039	77	388372	38.490	ng	100
25) Isophorone	9.556	82	631988	39.153	ng	99
26) 2-Nitrophenol	9.744	139	141887	38.234	ng	95
27) 2,4-Dimethylphenol	9.809	122	187143	41.020	ng	94
28) bis(2-Chloroethoxy)met...	10.044	93	334578	39.531	ng	95
29) 2,4-Dichlorophenol	10.285	162	257391	37.354	ng	93
30) 1,2,4-Trichlorobenzene	10.497	180	319709	37.722	ng	94
31) Naphthalene	10.685	128	841350	39.298	ng	98
32) Benzoic acid	9.956	122	122561m	30.826	ng	
33) 4-Chloroaniline	10.790	127	293035	40.557	ng	97
34) Hexachlorobutadiene	10.967	225	263463	37.771	ng	93
35) Caprolactam	11.548	113	82303	37.400	ng	# 92
36) 4-Chloro-3-methylphenol	11.924	107	301835	38.021	ng	97
37) 2-Methylnaphthalene	12.294	142	579305	38.144	ng	96
38) 1-Methylnaphthalene	12.512	142	569405	38.090	ng	90
40) 1,2,4,5-Tetrachloroben...	12.665	216	417176	38.160	ng	98
41) Hexachlorocyclopentadiene	12.647	237	137082	38.592	ng	99
43) 2,4,6-Trichlorophenol	12.905	196	251231	38.384	ng	96

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44) 2,4,5-Trichlorophenol	12.982	196	284651	39.554	ng	98
46) 1,1'-Biphenyl	13.311	154	786058	38.067	ng	99
47) 2-Chloronaphthalene	13.352	162	667119	38.577	ng	97
48) 2-Nitroaniline	13.552	65	241070	39.717	ng	96
49) Acenaphthylene	14.198	152	952398	39.012	ng	97
50) Dimethylphthalate	13.934	163	829318	38.248	ng	98
51) 2,6-Dinitrotoluene	14.051	165	180437	38.976	ng	95
52) Acenaphthene	14.545	154	586833	38.826	ng	98
53) 3-Nitroaniline	14.380	138	181812	41.365	ng	99
54) 2,4-Dinitrophenol	14.598	184	98402	34.852	ng	91
55) Dibenzofuran	14.880	168	1047027	39.288	ng	99
56) 4-Nitrophenol	14.703	139	146466	44.014	ng	# 88
57) 2,4-Dinitrotoluene	14.844	165	268068	40.485	ng	97
58) Fluorene	15.526	166	812213	38.459	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	257720	37.318	ng	97
60) Diethylphthalate	15.303	149	869886	39.072	ng	97
61) 4-Chlorophenyl-phenyle...	15.520	204	511741	38.985	ng	96
62) 4-Nitroaniline	15.549	138	200799	41.408	ng	96
63) Azobenzene	15.814	77	908865	39.468	ng	97
65) 4,6-Dinitro-2-methylph...	15.614	198	189213	39.301	ng	94
66) n-Nitrosodiphenylamine	15.737	169	742780	39.760	ng	98
67) 4-Bromophenyl-phenylether	16.419	248	364891	39.761	ng	95
68) Hexachlorobenzene	16.537	284	418730	39.385	ng	98
69) Atrazine	16.689	200	277866	32.356	ng	92
70) Pentachlorophenol	16.883	266	205479	38.847	ng	91
71) Phenanthrene	17.271	178	1447489	39.874	ng	98
72) Anthracene	17.359	178	1414559	39.701	ng	98
73) Carbazole	17.629	167	1379024	41.115	ng	100
74) Di-n-butylphthalate	18.193	149	1569024	41.202	ng	99
75) Fluoranthene	19.286	202	2155958	41.957	ng	100
77) Benzidine	19.474	184	912199	61.108	ng	97
78) Pyrene	19.651	202	2249413	39.166	ng	98
80) Butylbenzylphthalate	20.549	149	762452	41.203	ng	94
81) Benzo(a)anthracene	21.460	228	2374430	38.918	ng	99
82) 3,3'-Dichlorobenzidine	21.378	252	928455	41.045	ng	# 97
83) Chrysene	21.525	228	2236016	39.015	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	1065086	39.676	ng	95
85) Di-n-octyl phthalate	22.518	149	1816520	40.445	ng	100
87) Indeno(1,2,3-cd)pyrene	27.935	276	2949334	38.586	ng	# 97
88) Benzo(b)fluoranthene	23.552	252	2504800	37.725	ng	96
89) Benzo(k)fluoranthene	23.616	252	2497875	39.433	ng	# 99
90) Benzo(a)pyrene	24.369	252	2210555	38.142	ng	97
91) Dibenzo(a,h)anthracene	27.988	278	2483750	38.930	ng	98
92) Benzo(g,h,i)perylene	28.993	276	2413501	38.271	ng	98

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

