

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041024\
 Data File : BG060846.D
 Acq On : 10 Apr 2024 9:36
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/12/2024

Quant Time: Apr 10 10:16:38 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	65890	20.000	ng	-0.01
21) Naphthalene-d8	10.743	136	257343	20.000	ng	-0.01
39) Acenaphthene-d10	14.574	164	193770	20.000	ng	-0.01
64) Phenanthrene-d10	17.324	188	457038	20.000	ng	-0.01
76) Chrysene-d12	21.584	240	450652	20.000	ng	-0.02
86) Perylene-d12	24.715	264	533932	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	299546	75.734	ng	0.00
7) Phenol-d6	7.112	99	433054	73.760	ng	0.00
23) Nitrobenzene-d5	9.104	82	411189	91.174	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	222039	100.945	ng	-0.01
45) 2-Fluorobiphenyl	13.199	172	1063211	80.528	ng	-0.02
79) Terphenyl-d14	19.950	244	1927428	75.310	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	62813	38.735	ng	97
3) Pyridine	3.851	79	185459	37.915	ng	93
4) n-Nitrosodimethylamine	3.763	42	117961	40.344	ng	98
6) Aniline	7.271	93	259465	34.996	ng	99
8) 2-Chlorophenol	7.512	128	164948	36.785	ng	96
9) Benzaldehyde	7.083	77	116053m	35.847	ng	
10) Phenol	7.136	94	218545	36.474	ng	98
11) bis(2-Chloroethyl)ether	7.371	93	167755	34.677	ng	94
12) 1,3-Dichlorobenzene	7.841	146	176067	37.758	ng	96
13) 1,4-Dichlorobenzene	7.982	146	178657	37.554	ng	96
14) 1,2-Dichlorobenzene	8.299	146	172802	37.065	ng	98
15) Benzyl Alcohol	8.182	79	169928	35.731	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.475	45	384171m	35.189	ng	
17) 2-Methylphenol	8.387	107	160162	35.408	ng	98
18) Hexachloroethane	9.034	117	62361	36.908	ng	# 87
19) n-Nitroso-di-n-propyla...	8.752	70	146167	32.646	ng	# 99
20) 3+4-Methylphenols	8.710	107	209107	33.759	ng	96
22) Acetophenone	8.763	105	272788	38.443	ng	98
24) Nitrobenzene	9.145	77	206271	41.488	ng	97
25) Isophorone	9.668	82	382275	36.801	ng	99
26) 2-Nitrophenol	9.850	139	82515	47.145	ng	93
27) 2,4-Dimethylphenol	9.915	122	158108	37.891	ng	99
28) bis(2-Chloroethoxy)met...	10.156	93	230560	37.596	ng	99
29) 2,4-Dichlorophenol	10.391	162	164585	42.953	ng	98
30) 1,2,4-Trichlorobenzene	10.608	180	180963	41.708	ng	97
31) Naphthalene	10.796	128	532525	38.254	ng	99
32) Benzoic acid	10.044	122	110294	40.906	ng	95
33) 4-Chloroaniline	10.896	127	240939	37.264	ng	99
34) Hexachlorobutadiene	11.084	225	130858	45.254	ng	97
35) Caprolactam	11.666	113	54182	35.702	ng	94
36) 4-Chloro-3-methylphenol	12.018	107	193334	39.497	ng	97
37) 2-Methylnaphthalene	12.400	142	396693	38.761	ng	98
38) 1-Methylnaphthalene	12.618	142	375085	38.795	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	239744	43.037	ng	99
41) Hexachlorocyclopentadiene	12.753	237	127806	45.120	ng	100
43) 2,4,6-Trichlorophenol	13.005	196	162538	45.313	ng	94

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44) 2,4,5-Trichlorophenol	13.076	196	192017	44.856	ng	97
46) 1,1'-Biphenyl	13.411	154	531265	38.816	ng	99
47) 2-Chloronaphthalene	13.452	162	406774	39.118	ng	100
48) 2-Nitroaniline	13.646	65	151438	45.370	ng	99
49) Acenaphthylene	14.298	152	672476	38.488	ng	100
50) Dimethylphthalate	14.034	163	576724	37.656	ng	100
51) 2,6-Dinitrotoluene	14.145	165	119014	43.735	ng	98
52) Acenaphthene	14.645	154	433612	39.526	ng	99
53) 3-Nitroaniline	14.474	138	124917	41.910	ng	93
54) 2,4-Dinitrophenol	14.680	184	57609	54.039	ng	91
55) Dibenzofuran	14.974	168	659356	38.104	ng	97
56) 4-Nitrophenol	14.780	139	99980	44.654	ng	98
57) 2,4-Dinitrotoluene	14.933	165	161653	45.625	ng	# 98
58) Fluorene	15.626	166	531949	38.303	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.197	232	166709	44.688	ng	97
60) Diethylphthalate	15.403	149	558579	36.251	ng	98
61) 4-Chlorophenyl-phenyle...	15.620	204	289545	39.409	ng	99
62) 4-Nitroaniline	15.638	138	134200	47.925	ng	96
63) Azobenzene	15.914	77	534671	35.609	ng	96
65) 4,6-Dinitro-2-methylph...	15.696	198	89707	47.626	ng	97
66) n-Nitrosodiphenylamine	15.832	169	500742	38.340	ng	100
67) 4-Bromophenyl-phenylether	16.519	248	201304	43.400	ng	97
68) Hexachlorobenzene	16.631	284	215688	41.193	ng	98
69) Atrazine	16.789	200	183568	40.193	ng	97
70) Pentachlorophenol	16.971	266	154881	45.333	ng	98
71) Phenanthrene	17.365	178	908597	38.225	ng	99
72) Anthracene	17.459	178	940381	38.956	ng	100
73) Carbazole	17.723	167	818283	38.447	ng	99
74) Di-n-butylphthalate	18.299	149	967413	36.459	ng	100
75) Fluoranthene	19.374	202	1147918	39.799	ng	98
77) Benzidine	19.557	184	412940	34.798	ng	99
78) Pyrene	19.739	202	1186184	37.636	ng	99
80) Butylbenzylphthalate	20.644	149	435975	37.920	ng	95
81) Benzo(a)anthracene	21.566	228	1226815	38.620	ng	99
82) 3,3'-Dichlorobenzidine	21.484	252	432534	40.326	ng	99
83) Chrysene	21.631	228	1189920	38.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.507	149	645950	35.250	ng	97
85) Di-n-octyl phthalate	22.700	149	1103003	36.947	ng	99
87) Indeno(1,2,3-cd)pyrene	28.270	276	1443091	38.380	ng	# 96
88) Benzo(b)fluoranthene	23.728	252	1163053m	37.916	ng	
89) Benzo(k)fluoranthene	23.793	252	1217914	38.792	ng	99
90) Benzo(a)pyrene	24.568	252	1154240	38.721	ng	98
91) Dibenzo(a,h)anthracene	28.334	278	1210594	38.194	ng	96
92) Benzo(g,h,i)perylene	29.369	276	1174350	38.088	ng	98

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

