

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060987.D
 Acq On : 22 Apr 2024 11:43
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 23 02:14:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.935	152	20809	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	78998	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	73036	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	186746	20.000	ng	0.00
76) Chrysene-d12	21.578	240	193503	20.000	ng	0.00
86) Perylene-d12	24.698	264	230491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	78681	76.482	ng	0.00
7) Phenol-d6	7.101	99	119695	78.417	ng	0.00
23) Nitrobenzene-d5	9.092	82	138257	78.632	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	119302	74.386	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	412906	78.244	ng	0.00
79) Terphenyl-d14	19.938	244	947676	76.020	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	13000	36.513	ng	98
3) Pyridine	3.828	79	44311	40.263	ng	95
4) n-Nitrosodimethylamine	3.746	42	37388	37.773	ng	# 99
6) Aniline	7.259	93	70481	38.420	ng	99
8) 2-Chlorophenol	7.500	128	50239	39.194	ng	95
9) Benzaldehyde	7.077	77	31244	39.795	ng	91
10) Phenol	7.130	94	57695	38.045	ng	93
11) bis(2-Chloroethyl)ether	7.359	93	41869	38.590	ng	92
12) 1,3-Dichlorobenzene	7.823	146	54075	38.042	ng	97
13) 1,4-Dichlorobenzene	7.970	146	55219	37.713	ng	98
14) 1,2-Dichlorobenzene	8.293	146	54525	38.104	ng	93
15) Benzyl Alcohol	8.170	79	54744	37.986	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.464	45	90345	38.251	ng	99
17) 2-Methylphenol	8.376	107	47101	38.466	ng	97
18) Hexachloroethane	9.016	117	19914	37.745	ng	83
19) n-Nitroso-di-n-propyla...	8.740	70	43126	37.912	ng	99
20) 3+4-Methylphenols	8.705	107	66397	38.772	ng	99
22) Acetophenone	8.752	105	84562	38.335	ng	# 97
24) Nitrobenzene	9.133	77	66196	39.179	ng	95
25) Isophorone	9.656	82	113220	38.477	ng	# 98
26) 2-Nitrophenol	9.844	139	28654	36.085	ng	96
27) 2,4-Dimethylphenol	9.903	122	47319	37.178	ng	95
28) bis(2-Chloroethoxy)met...	10.138	93	58502	37.794	ng	93
29) 2,4-Dichlorophenol	10.379	162	55813	37.995	ng	97
30) 1,2,4-Trichlorobenzene	10.596	180	64044	39.514	ng	97
31) Naphthalene	10.785	128	168604	38.984	ng	97
32) Benzoic acid	10.038	122	37694m	38.869	ng	
33) 4-Chloroaniline	10.884	127	76726	39.053	ng	98
34) Hexachlorobutadiene	11.072	225	56876	39.902	ng	97
35) Caprolactam	11.654	113	18188	38.872	ng	95
36) 4-Chloro-3-methylphenol	12.012	107	64865	37.861	ng	96
37) 2-Methylnaphthalene	12.389	142	133311	39.203	ng	97
38) 1-Methylnaphthalene	12.612	142	126661m	39.915	ng	
40) 1,2,4,5-Tetrachloroben...	12.759	216	101175	38.981	ng	98
41) Hexachlorocyclopentadiene	12.741	237	55230	36.164	ng	97
43) 2,4,6-Trichlorophenol	13.000	196	66576	39.021	ng	97

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44) 2,4,5-Trichlorophenol	13.070	196	78152	38.723	ng	98
46) 1,1'-Biphenyl	13.399	154	195400	39.718	ng	100
47) 2-Chloronaphthalene	13.440	162	146492	38.836	ng	97
48) 2-Nitroaniline	13.640	65	55074	36.177	ng	100
49) Acenaphthylene	14.292	152	247677	38.988	ng	97
50) Dimethylphthalate	14.028	163	227329	37.746	ng	99
51) 2,6-Dinitrotoluene	14.139	165	46990	37.393	ng	98
52) Acenaphthene	14.633	154	148995	38.599	ng	98
53) 3-Nitroaniline	14.468	138	44913	36.246	ng	96
54) 2,4-Dinitrophenol	14.674	184	24166	33.029	ng	97
55) Dibenzofuran	14.968	168	253873	38.087	ng	97
56) 4-Nitrophenol	14.780	139	34134	38.451	ng	93
57) 2,4-Dinitrotoluene	14.927	165	68703	37.960	ng	96
58) Fluorene	15.620	166	217103	38.588	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.191	232	77677	38.134	ng	98
60) Diethylphthalate	15.391	149	220550	37.185	ng	99
61) 4-Chlorophenyl-phenyle...	15.614	204	128687	37.087	ng	97
62) 4-Nitroaniline	15.632	138	50948	38.131	ng	93
63) Azobenzene	15.908	77	177852	36.867	ng	97
65) 4,6-Dinitro-2-methylph...	15.696	198	39959	34.654	ng	92
66) n-Nitrosodiphenylamine	15.826	169	196887	38.268	ng	99
67) 4-Bromophenyl-phenylether	16.507	248	96306	39.076	ng	97
68) Hexachlorobenzene	16.625	284	106581	39.151	ng	99
69) Atrazine	16.777	200	75911	39.422	ng	95
70) Pentachlorophenol	16.965	266	68340	38.284	ng	94
71) Phenanthrene	17.359	178	366688	38.469	ng	99
72) Anthracene	17.447	178	380478	38.756	ng	99
73) Carbazole	17.718	167	316229	38.786	ng	97
74) Di-n-butylphthalate	18.287	149	374095	37.792	ng	100
75) Fluoranthene	19.369	202	490437	38.769	ng	96
77) Benzidine	19.551	184	169445	47.260	ng	98
78) Pyrene	19.733	202	498008	37.798	ng	99
80) Butylbenzylphthalate	20.632	149	163661	37.268	ng	98
81) Benzo(a)anthracene	21.554	228	526674	38.713	ng	98
82) 3,3'-Dichlorobenzidine	21.472	252	187156	38.066	ng	# 95
83) Chrysene	21.619	228	498311	38.472	ng	98
84) Bis(2-ethylhexyl)phtha...	21.484	149	241243	37.785	ng	98
85) Di-n-octyl phthalate	22.671	149	410827	38.757	ng	98
87) Indeno(1,2,3-cd)pyrene	28.235	276	617248	38.604	ng	99
88) Benzo(b)fluoranthene	23.711	252	511421	39.154	ng	99
89) Benzo(k)fluoranthene	23.775	252	503527	38.187	ng	98
90) Benzo(a)pyrene	24.551	252	488495	38.638	ng	98
91) Dibenzo(a,h)anthracene	28.311	278	505897	38.726	ng	# 98
92) Benzo(g,h,i)perylene	29.345	276	488303	37.699	ng	98

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

