Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040224\
Data File : BG060740.D
Acq On : 2 Apr 2024 16:37
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 02 17:15:37 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

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	65785	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	290028	20.000	ng	0.00
39) Acenaphthene-d10	14.591	164	223980	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	524178	20.000	ng	0.00
76) Chrysene-d12	21.601	240	468104	20.000	ng	0.00
86) Perylene-d12	24.744	264	542580	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.537	112	318346	80.615	ng	0.00
7) Phenol-d6	7.118	99	466951	79.661	ng	0.00
23) Nitrobenzene-d5	9.115	82	479903	94.419	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	243368	95.719	ng	0.00
45) 2-Fluorobiphenyl	13.216	172	1173101	76.867	ng	0.00
79) Terphenyl-d14	19.962	244	2084437	78.409	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.469	88	64848	40.053	ng	97
3) Pyridine	3.857	79	209205	42.838	ng	94
4) n-Nitrosodimethylamine	3.769	42	129308	44.296	ng	98
6) Aniline	7.288	93	290870	39.295	ng	99
8) 2-Chlorophenol	7.529	128	179399	40.072	ng	98
9) Benzaldehyde	7.100	77	121302	37.528	ng	96
10) Phenol	7.147	94	236886	39.598	ng	98
11) bis(2-Chloroethyl)ether	7.388	93	183770	38.048	ng	98
12) 1,3-Dichlorobenzene	7.852	146	189168	40.632	ng	96
13) 1,4-Dichlorobenzene	7.999	146	189071	39.806	ng	98
14) 1,2-Dichlorobenzene	8.316	146	192319	41.317	ng	97
15) Benzyl Alcohol	8.193	79	200955	42.323	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.498	45	441261m	40.483	ng	
17) 2-Methylphenol	8.399	107	182947	40.510	ng	96
18) Hexachloroethane	9.045	117	69330	41.098	ng	95
19) n-Nitroso-di-n-propyla...	8.769	70	181077	40.508	ng	96
20) 3+4-Methylphenols	8.728	107	252701	40.862	ng	95
22) Acetophenone	8.780	105	326033	40.769	ng	99
24) Nitrobenzene	9.157	77	241244	42.950	ng	98
25) Isophorone	9.685	82	447801	38.251	ng	99
26) 2-Nitrophenol	9.867	139	92386	46.891	ng	91
27) 2,4-Dimethylphenol	9.932	122	183908	39.107	ng	99
28) bis(2-Chloroethoxy)met...	10.173	93	267509	38.705	ng	98
29) 2,4-Dichlorophenol	10.402	162	181966	42.137	ng	97
30) 1,2,4-Trichlorobenzene	10.620	180	195582	39.997	ng	99
31) Naphthalene	10.813	128	615795	39.251	ng	99
32) Benzoic acid	10.055	122	141751	45.689	ng	94
33) 4-Chloroaniline	10.913	127	286423	39.306	ng	98
34) Hexachlorobutadiene	11.107	225	129021	39.590	ng	99
35) Caprolactam	11.683	113	71403	41.748	ng	94
36) 4-Chloro-3-methylphenol	12.030	107	225929	40.954	ng	99
37) 2-Methylnaphthalene	12.417	142	456183	39.550	ng	99
38) 1-Methylnaphthalene	12.635	142	435004	39.922	ng	95
40) 1,2,4,5-Tetrachloroben...	12.782	216	258971	40.218	ng	99
41) Hexachlorocyclopentadiene	12.770	237	141665	43.267	ng	98
43) 2,4,6-Trichlorophenol	13.017	196	179717	43.344	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.087	196	215622	43.577	ng		97
46)	1,1'-Biphenyl	13.428	154	616285	38.955	ng		98
47)	2-Chloronaphthalene	13.469	162	469076	39.025	ng		99
48)	2-Nitroaniline	13.657	65	177795	45.974	ng		97
49)	Acenaphthylene	14.315	152	797361	39.480	ng		99
50)	Dimethylphthalate	14.051	163	687740	38.848	ng		99
51)	2,6-Dinitrotoluene	14.162	165	139509	44.303	ng		93
52)	Acenaphthene	14.656	154	514420	40.567	ng		99
53)	3-Nitroaniline	14.486	138	154183	44.558	ng	#	94
54)	2,4-Dinitrophenol	14.691	184	68326	55.447	ng		90
55)	Dibenzofuran	14.991	168	785499	39.271	ng		98
56)	4-Nitrophenol	14.785	139	122746	47.428	ng		96
57)	2,4-Dinitrotoluene	14.944	165	188651	46.014	ng		96
58)	Fluorene	15.643	166	629957	39.242	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.214	232	191609	44.435	ng		100
60)	Diethylphthalate	15.420	149	687332	38.590	ng		99
61)	4-Chlorophenyl-phenyle...	15.637	204	334142	39.345	ng		94
62)	4-Nitroaniline	15.649	138	156491	48.348	ng		99
63)	Azobenzene	15.931	77	668492	38.516	ng		98
65)	4,6-Dinitro-2-methylph...	15.714	198	100401	46.645	ng		99
66)	n-Nitrosodiphenylamine	15.849	169	594779	39.707	ng		98
67)	4-Bromophenyl-phenylether	16.530	248	225526	42.394	ng		99
68)	Hexachlorobenzene	16.642	284	240113	39.984	ng		97
69)	Atrazine	16.801	200	208343	39.774	ng		100
70)	Pentachlorophenol	16.983	266	180868	46.158	ng		99
71)	Phenanthrene	17.382	178	1066940	39.137	ng		100
72)	Anthracene	17.470	178	1102089	39.807	ng		98
73)	Carbazole	17.735	167	961929	39.407	ng		100
74)	Di-n-butylphthalate	18.322	149	1184943	38.937	ng		99
75)	Fluoranthene	19.392	202	1288057	38.937	ng		98
77)	Benzidine	19.568	184	491359	39.863	ng		99
78)	Pyrene	19.750	202	1326152	40.508	ng		99
80)	Butylbenzylphthalate	20.661	149	532187	44.563	ng		96
81)	Benzo(a)anthracene	21.583	228	1321474	40.049	ng		99
82)	3,3'-Dichlorobenzidine	21.501	252	481574	43.224	ng		99
83)	Chrysene	21.648	228	1261649	39.670	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.530	149	786202	41.304	ng		98
85)	Di-n-octyl phthalate	22.735	149	1361869	43.918	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.316	276	1537410	40.237	ng		99
88)	Benzo(b)fluoranthene	23.757	252	1251515	40.150	ng		99
89)	Benzo(k)fluoranthene	23.822	252	1268400	39.756	ng		99
90)	Benzo(a)pyrene	24.597	252	1235781	40.795	ng		99
91)	Dibenzo(a,h)anthracene	28.393	278	1290858	40.078	ng		97
92)	Benzo(g,h,i)perylene	29.427	276	1255932	40.085	ng		99

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

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