Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060710.D
Acq On : 1 Apr 2024 11:08
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 01 12:45:57 2024
Quant Title :
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
04/02/2024
Supervised By :mohammad ahmed
04/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	57409	20.000	ng	0.00
21) Naphthalene-d8	10.755	136	259174	20.000	ng	0.00
39) Acenaphthene-d10	14.586	164	194343	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	445429	20.000	ng	0.00
76) Chrysene-d12	21.601	240	401197	20.000	ng	0.00
86) Perylene-d12	24.739	264	463187	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	294903	85.575	ng	0.00
7) Phenol-d6	7.113	99	454710	88.890	ng	0.00
23) Nitrobenzene-d5	9.110	82	402273	88.567	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	171566	77.769	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1178597	89.005	ng	0.00
79) Terphenyl-d14	19.962	244	2012719	88.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	63341	44.831	ng	99
3) Pyridine	3.846	79	208435	48.907	ng	96
4) n-Nitrosodimethylamine	3.764	42	116756	45.831	ng	98
6) Aniline	7.283	93	293448	45.427	ng	98
8) 2-Chlorophenol	7.524	128	173394	44.382	ng	98
9) Benzaldehyde	7.095	77	120796	42.824	ng	97
10) Phenol	7.142	94	235431	45.097	ng	95
11) bis(2-Chloroethyl)ether	7.383	93	190077	45.096	ng	100
12) 1,3-Dichlorobenzene	7.847	146	181241	44.609	ng	96
13) 1,4-Dichlorobenzene	7.994	146	184737	44.568	ng	98
14) 1,2-Dichlorobenzene	8.311	146	182310	44.881	ng	96
15) Benzyl Alcohol	8.188	79	187456	45.240	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.493	45	420936m	44.252	ng	
17) 2-Methylphenol	8.388	107	181432	46.036	ng	97
18) Hexachloroethane	9.040	117	61881	42.035	ng	97
19) n-Nitroso-di-n-propyla...	8.764	70	176096	45.141	ng	97
20) 3+4-Methylphenols	8.717	107	246956	45.760	ng	98
22) Acetophenone	8.775	105	321312	44.961	ng	98
24) Nitrobenzene	9.151	77	218226	43.443	ng	99
25) Isophorone	9.680	82	476868	45.583	ng	98
26) 2-Nitrophenol	9.868	139	59481	35.769	ng	96
27) 2,4-Dimethylphenol	9.927	122	182463	43.419	ng	98
28) bis(2-Chloroethoxy)met...	10.168	93	278102	45.027	ng	99
29) 2,4-Dichlorophenol	10.397	162	173408	44.936	ng	98
30) 1,2,4-Trichlorobenzene	10.620	180	195230	44.678	ng	98
31) Naphthalene	10.808	128	632855	45.140	ng	98
32) Benzoic acid	10.050	122	95444	36.111	ng	95
33) 4-Chloroaniline	10.908	127	293773	45.114	ng	99
34) Hexachlorobutadiene	11.102	225	127986	43.948	ng	96
35) Caprolactam	11.672	113	66777	43.691	ng	95
36) 4-Chloro-3-methylphenol	12.024	107	224213	45.482	ng	98
37) 2-Methylnaphthalene	12.418	142	460134	44.642	ng	99
38) 1-Methylnaphthalene	12.630	142	435864	44.763	ng	98
40) 1,2,4,5-Tetrachloroben...	12.776	216	250849	44.897	ng	99
41) Hexachlorocyclopentadiene	12.771	237	117159	41.240	ng	99
43) 2,4,6-Trichlorophenol	13.012	196	157586	43.803	ng	95
44) 2,4,5-Trichlorophenol	13.082	196	192658	44.873	ng	98

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46) 1,1'-Biphenyl	13.423	154	612052	44.587	ng	99
47) 2-Chloronaphthalene	13.464	162	464073	44.496	ng	97
48) 2-Nitroaniline	13.658	65	137377	41.655	ng	98
49) Acenaphthylene	14.310	152	799725	45.636	ng	100
50) Dimethylphthalate	14.051	163	683985	44.527	ng	98
51) 2,6-Dinitrotoluene	14.157	165	116869	42.894	ng	97
52) Acenaphthene	14.651	154	496652	45.139	ng	99
53) 3-Nitroaniline	14.480	138	135960	45.237	ng	95
54) 2,4-Dinitrophenol	14.686	184	42731	39.965	ng	92
55) Dibenzofuran	14.986	168	780940	44.998	ng	99
56) 4-Nitrophenol	14.780	139	103937	46.284	ng	92
57) 2,4-Dinitrotoluene	14.945	165	157593	44.489	ng	96
58) Fluorene	15.638	166	621840	44.644	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.209	232	168072m	44.920	ng	
60) Diethylphthalate	15.420	149	684060	44.263	ng	99
61) 4-Chlorophenyl-phenyle...	15.638	204	328553	44.586	ng	96
62) 4-Nitroaniline	15.644	138	139676	49.734	ng	97
63) Azobenzene	15.932	77	687453	45.649	ng	98
65) 4,6-Dinitro-2-methylph...	15.702	198	66261	37.798	ng	98
66) n-Nitrosodiphenylamine	15.843	169	590605	46.399	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	184631	40.843	ng	99
68) Hexachlorobenzene	16.637	284	231767	45.417	ng	95
69) Atrazine	16.801	200	197708	44.417	ng	99
70) Pentachlorophenol	16.977	266	146825	44.095	ng	98
71) Phenanthrene	17.377	178	1044717	45.097	ng	99
72) Anthracene	17.471	178	1073988	45.650	ng	99
73) Carbazole	17.735	167	935528	45.101	ng	99
74) Di-n-butylphthalate	18.323	149	1135939	43.926	ng	99
75) Fluoranthene	19.392	202	1224452	43.559	ng	99
77) Benzidine	19.569	184	517423	48.978	ng	99
78) Pyrene	19.751	202	1277709	45.537	ng	100
80) Butylbenzylphthalate	20.661	149	434732	42.473	ng	97
81) Benzo(a)anthracene	21.578	228	1271006	44.943	ng	100
82) 3,3'-Dichlorobenzidine	21.502	252	430534	45.087	ng	97
83) Chrysene	21.643	228	1224559	44.925	ng	99
84) Bis(2-ethylhexyl)phtha...	21.537	149	718350	44.033	ng	98
85) Di-n-octyl phthalate	22.741	149	1148627	43.219	ng	99
87) Indeno(1,2,3-cd)pyrene	28.305	276	1451574	44.503	ng	98
88) Benzo(b)fluoranthene	23.752	252	1177464	44.249	ng	99
89) Benzo(k)fluoranthene	23.816	252	1250720	45.921	ng	100
90) Benzo(a)pyrene	24.598	252	1170833	45.276	ng	98
91) Dibenzo(a,h)anthracene	28.382	278	1238038	45.026	ng	99
92) Benzo(g,h,i)perylene	29.410	276	1196911	44.749	ng	98

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

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