Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020224\
Data File : BG060536.D
Acq On : 1 Feb 2024 16:58
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 02 00:40:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 04:07:12 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/02/2024
Supervised By :Sohil Jodhani 02/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	198756	20.000	ng	-0.01
21) Naphthalene-d8	10.728	136	854965	20.000	ng	# 0.00
39) Acenaphthene-d10	14.565	164	695090	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1813369	20.000	ng	0.00
76) Chrysene-d12	21.580	240	1762087	20.000	ng	0.00
86) Perylene-d12	24.741	264	2011037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1084296	89.730	ng	0.00
7) Phenol-d6	7.091	99	1407093	78.637	ng	0.00
23) Nitrobenzene-d5	9.089	82	1490509	82.321	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	866033	84.683	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	3635323	72.714	ng	0.00
79) Terphenyl-d14	19.929	244	5356260	72.572	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	217118	39.334	ng	97
3) Pyridine	3.789	79	551229	35.394	ng	# 86
4) n-Nitrosodimethylamine	3.707	42	164385	33.726	ng	94
6) Aniline	7.250	93	688590	38.500	ng	97
8) 2-Chlorophenol	7.485	128	468677	39.135	ng	97
9) Benzaldehyde	7.062	77	358422	34.897	ng	95
10) Phenol	7.115	94	697758	38.893	ng	96
11) bis(2-Chloroethyl)ether	7.344	93	519940	35.566	ng	98
12) 1,3-Dichlorobenzene	7.808	146	583745	38.834	ng	98
13) 1,4-Dichlorobenzene	7.955	146	590687	38.730	ng	98
14) 1,2-Dichlorobenzene	8.272	146	567765	36.203	ng	99
15) Benzyl Alcohol	8.161	79	502134	43.351	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.448	45	754948	42.548	ng	96
17) 2-Methylphenol	8.366	107	489839	39.752	ng	98
18) Hexachloroethane	9.001	117	206981	38.707	ng	93
19) n-Nitroso-di-n-propyla...	8.730	70	483200	39.017	ng	94
20) 3+4-Methylphenols	8.695	107	673402	40.531	ng	98
22) Acetophenone	8.748	105	908442	38.655	ng	98
24) Nitrobenzene	9.130	77	719805	38.350	ng	94
25) Isophorone	9.647	82	1408865	38.747	ng	98
26) 2-Nitrophenol	9.841	139	317193	45.963	ng	# 93
27) 2,4-Dimethylphenol	9.900	122	383027	42.003	ng	99
28) bis(2-Chloroethoxy)met...	10.129	93	818018	36.820	ng	99
29) 2,4-Dichlorophenol	10.376	162	613931	41.546	ng	99
30) 1,2,4-Trichlorobenzene	10.587	180	701543	38.160	ng	94
31) Naphthalene	10.775	128	1730364	38.610	ng	99
32) Benzoic acid	10.058	122	303311	39.861	ng	95
33) 4-Chloroaniline	10.887	127	689800	39.946	ng	100
34) Hexachlorobutadiene	11.057	225	503444	42.038	ng	95
35) Caprolactam	11.680	113	216429	45.473	ng	92
36) 4-Chloro-3-methylphenol	12.015	107	663162	44.175	ng	98
37) 2-Methylnaphthalene	12.385	142	1347801	40.549	ng	96
38) 1-Methylnaphthalene	12.602	142	1329592	39.836	ng	98
40) 1,2,4,5-Tetrachloroben...	12.749	216	936666	37.943	ng	99
41) Hexachlorocyclopentadiene	12.732	237	279804	34.139	ng	98
43) 2,4,6-Trichlorophenol	12.996	196	619744	39.448	ng	100

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44) 2,4,5-Trichlorophenol	13.072	196	700511	40.426	ng		95
46) 1,1'-Biphenyl	13.396	154	1882268	35.875	ng		99
47) 2-Chloronaphthalene	13.443	162	1605677	35.722	ng		98
48) 2-Nitroaniline	13.642	65	477640	42.669	ng		96
49) Acenaphthylene	14.289	152	2369588	38.282	ng		99
50) Dimethylphthalate	14.018	163	2045311	38.506	ng		100
51) 2,6-Dinitrotoluene	14.142	165	486769	42.947	ng		95
52) Acenaphthene	14.629	154	1470493	38.153	ng		99
53) 3-Nitroaniline	14.477	138	435112	42.130	ng		93
54) 2,4-Dinitrophenol	14.682	184	260377	42.409	ng		97
55) Dibenzofuran	14.964	168	2447184	38.035	ng		98
56) 4-Nitrophenol	14.788	139	341923	44.635	ng		94
57) 2,4-Dinitrotoluene	14.929	165	690315	44.415	ng		97
58) Fluorene	15.611	166	1997253	37.485	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.188	232	632759	43.003	ng		98
60) Diethylphthalate	15.382	149	1974844	38.727	ng		100
61) 4-Chlorophenyl-phenyle...	15.599	204	1144810	39.004	ng		97
62) 4-Nitroaniline	15.640	138	453568	41.264	ng		92
63) Azobenzene	15.899	77	1821889	35.323	ng		97
65) 4,6-Dinitro-2-methylph...	15.693	198	422885	42.154	ng		96
66) n-Nitrosodiphenylamine	15.822	169	1779725	36.963	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	796257	39.962	ng		93
68) Hexachlorobenzene	16.615	284	915313	38.808	ng		98
69) Atrazine	16.768	200	642470	35.387	ng		98
70) Pentachlorophenol	16.962	266	549388	43.214	ng		93
71) Phenanthrene	17.356	178	3269459	37.301	ng		98
72) Anthracene	17.444	178	3267413	37.338	ng		97
73) Carbazole	17.720	167	3018382	36.587	ng		98
74) Di-n-butylphthalate	18.272	149	3267007	38.487	ng		99
75) Fluoranthene	19.371	202	3882987	36.884	ng		94
77) Benzidine	19.547	184	1357519	35.461	ng		100
78) Pyrene	19.735	202	3993784	35.492	ng		93
80) Butylbenzylphthalate	20.617	149	1489547	38.476	ng		96
81) Benzo(a)anthracene	21.557	228	4071384	37.323	ng		98
82) 3,3'-Dichlorobenzidine	21.474	252	1539656	36.855	ng		99
83) Chrysene	21.621	228	3860209	35.980	ng		98
84) Bis(2-ethylhexyl)phtha...	21.457	149	2152886	36.801	ng		98
85) Di-n-octyl phthalate	22.644	149	3659915	38.606	ng		100
87) Indeno(1,2,3-cd)pyrene	28.360	276	5245307	37.512	ng	#	97
88) Benzo(b)fluoranthene	23.736	252	4435791	37.337	ng		97
89) Benzo(k)fluoranthene	23.807	252	4155258m	35.444	ng		
90) Benzo(a)pyrene	24.594	252	3976955	37.056	ng		99
91) Dibenzo(a,h)anthracene	28.413	278	4289606	37.564	ng		98
92) Benzo(g,h,i)perylene	29.500	276	4395030	37.552	ng		98

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

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