Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
Data File : BG060560.D
Acq On : 6 Feb 2024 18:37
Operator : MA/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Feb 07 01:21:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 01:12:45 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.352	152	47270	20.000	ng		0.00
21) Naphthalene-d8	11.202	136	198829	20.000	ng		0.00
39) Acenaphthene-d10	14.986	164	128546	20.000	ng		0.00
64) Phenanthrene-d10	17.735	188	282931	20.000	ng		0.00
76) Chrysene-d12	22.083	240	268467	20.000	ng		0.00
86) Perylene-d12	25.691	264	304346	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.837	112	476133	152.112	ng		0.00
7) Phenol-d6	7.465	99	657612	156.242	ng		0.00
23) Nitrobenzene-d5	9.557	82	633470	179.212	ng		0.00
42) 2,4,6-Tribromophenol	16.472	330	262960	174.521	ng		0.00
45) 2-Fluorobiphenyl	13.611	172	1475587	154.171	ng		0.00
79) Terphenyl-d14	20.326	244	2332217	148.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	91911	76.617	ng		98
3) Pyridine	4.104	79	255588m	80.294	ng		
4) n-Nitrosodimethylamine	4.028	42	154148	78.445	ng		98
6) Aniline	7.676	93	328429	83.159	ng		99
8) 2-Chlorophenol	7.900	128	263307	80.580	ng		94
9) Benzaldehyde	7.494	77	175299	67.843	ng		99
10) Phenol	7.488	94	330315	77.428	ng		97
11) bis(2-Chloroethyl)ether	7.770	93	268329	78.767	ng		100
12) 1,3-Dichlorobenzene	8.229	146	310658	79.889	ng		97
13) 1,4-Dichlorobenzene	8.387	146	308473	77.774	ng		99
14) 1,2-Dichlorobenzene	8.705	146	298614	77.956	ng		99
15) Benzyl Alcohol	8.593	79	248006	81.778	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.875	45	628900	79.481	ng		99
17) 2-Methylphenol	8.769	107	229307	78.679	ng		94
18) Hexachloroethane	9.439	117	112986	81.372	ng		96
19) n-Nitroso-di-n-propyla...	9.169	70	226628	79.855	ng		97
20) 3+4-Methylphenols	9.104	107	318449	81.345	ng		98
22) Acetophenone	9.198	105	424183	77.559	ng	#	96
24) Nitrobenzene	9.598	77	329873	90.409	ng		97
25) Isophorone	10.109	82	623640	81.214	ng		99
27) 2,4-Dimethylphenol	10.326	122	199500	78.425	ng		97
28) bis(2-Chloroethoxy)met...	10.591	93	365939	79.917	ng		97
29) 2,4-Dichlorophenol	10.820	162	256925	84.017	ng		97
30) 1,2,4-Trichlorobenzene	11.043	180	297979	79.958	ng		98
31) Naphthalene	11.255	128	886723	78.391	ng		99
32) Benzoic acid	10.467	122	163929	82.401	ng		94
33) 4-Chloroaniline	11.366	127	335441	82.890	ng		99
34) Hexachlorobutadiene	11.484	225	206137	80.845	ng		97
35) Caprolactam	12.177	113	87025	83.648	ng		98
36) 4-Chloro-3-methylphenol	12.430	107	288798	81.714	ng		99
37) 2-Methylnaphthalene	12.829	142	597319	79.083	ng		100
38) 1-Methylnaphthalene	13.047	142	592142	79.519	ng		97
40) 1,2,4,5-Tetrachloroben...	13.170	216	331432	79.256	ng		99
41) Hexachlorocyclopentadiene	13.129	237	127693	88.429	ng		98
43) 2,4,6-Trichlorophenol	13.411	196	207461	83.279	ng		99
44) 2,4,5-Trichlorophenol	13.481	196	228322	81.411	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.822	154	811151	78.384	ng		99
47) 2-Chloronaphthalene	13.875	162	660160	78.683	ng		99
48) 2-Nitroaniline	14.087	65	203248	82.342	ng		99
49) Acenaphthylene	14.715	152	948471	79.265	ng		99
50) Dimethylphthalate	14.433	163	786006	79.217	ng		99
51) 2,6-Dinitrotoluene	14.568	165	162941	82.094	ng		94
52) Acenaphthene	15.050	154	609894	78.872	ng		99
53) 3-Nitroaniline	14.909	138	159105	81.786	ng		98
54) 2,4-Dinitrophenol	15.097	184	60813	79.722	ng	#	87
55) Dibenzofuran	15.385	168	967599	79.898	ng		99
56) 4-Nitrophenol	15.168	139	143255	81.521	ng		98
57) 2,4-Dinitrotoluene	15.344	165	210871	82.900	ng		94
58) Fluorene	16.031	166	773081	79.920	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.585	232	206574	85.561	ng		99
60) Diethylphthalate	15.785	149	820429	80.813	ng		99
61) 4-Chlorophenyl-phenyle...	16.014	204	393198	79.999	ng		98
62) 4-Nitroaniline	16.073	138	170210	80.814	ng		99
63) Azobenzene	16.313	77	797144	80.597	ng		97
65) 4,6-Dinitro-2-methylph...	16.096	198	95231	79.666	ng		98
66) n-Nitrosodiphenylamine	16.237	169	676622	80.102	ng		99
67) 4-Bromophenyl-phenylether	16.913	248	255318	80.626	ng		97
68) Hexachlorobenzene	17.001	284	290358	80.869	ng		95
69) Atrazine	17.171	200	172185	65.436	ng		98
70) Pentachlorophenol	17.353	266	186586	89.453	ng		97
71) Phenanthrene	17.782	178	1203035	78.594	ng		100
72) Anthracene	17.876	178	1204031	78.986	ng		99
73) Carbazole	18.147	167	1095805	77.768	ng		99
74) Di-n-butylphthalate	18.669	149	1363075	78.533	ng		99
75) Fluoranthene	19.774	202	1442648	77.841	ng		99
77) Benzidine	19.962	184	382326	97.035	ng		98
78) Pyrene	20.138	202	1500302	78.563	ng		98
80) Butylbenzylphthalate	21.020	149	595891	84.938	ng		99
81) Benzo(a)anthracene	22.066	228	1518424	79.613	ng		99
82) 3,3'-Dichlorobenzidine	21.977	252	515113	81.752	ng		98
83) Chrysene	22.136	228	1454611	79.571	ng		99
84) Bis(2-ethylhexyl)phtha...	21.924	149	878439	81.167	ng		99
85) Di-n-octyl phthalate	23.288	149	1519238	83.801	ng		99
87) Indeno(1,2,3-cd)pyrene	29.909	276	1841685m	83.011	ng		
88) Benzo(b)fluoranthene	24.533	252	1591425	80.821	ng		97
89) Benzo(k)fluoranthene	24.615	252	1525163	80.497	ng		99
90) Benzo(a)pyrene	25.532	252	1410598	81.779	ng		100
91) Dibenzo(a,h)anthracene	30.003	278	1527789	83.443	ng		99
92) Benzo(g,h,i)perylene	31.243	276	1520394	83.007	ng		95

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

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