Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031424\
Data File : BG060638.D
Acq On : 14 Mar 2024 14:31
Operator : MA/JU
Sample : IDOC-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 15 02:08:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 00:45:22 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
IDOC-02

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/15/2024
Supervised By :mohammad ahmed 03/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.324	152	104009	20.000	ng		0.00
21) Naphthalene-d8	11.168	136	484177	20.000	ng		0.00
39) Acenaphthene-d10	14.952	164	317844	20.000	ng		0.00
64) Phenanthrene-d10	17.696	188	666551	20.000	ng		0.00
76) Chrysene-d12	22.014	240	580626	20.000	ng		-0.01
86) Perylene-d12	25.569	264	659535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.809	112	904646	136.728	ng		0.00
7) Phenol-d6	7.443	99	1260244	131.306	ng		0.00
23) Nitrobenzene-d5	9.523	82	775143	83.319	ng		0.00
42) 2,4,6-Tribromophenol	16.432	330	496982	134.934	ng		0.00
45) 2-Fluorobiphenyl	13.577	172	1912572	81.357	ng		0.00
79) Terphenyl-d14	20.275	244	2650106	82.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.641	88	91192	32.927	ng		98
3) Pyridine	4.064	79	237228	28.983	ng		98
4) n-Nitrosodimethylamine	3.988	42	157780	39.296	ng		97
6) Aniline	7.648	93	312498	26.645	ng		97
8) 2-Chlorophenol	7.872	128	343703	47.521	ng		99
9) Benzaldehyde	7.466	77	106442	19.812	ng		97
10) Phenol	7.466	94	458331	47.593	ng		97
11) bis(2-Chloroethyl)ether	7.737	93	316446	41.220	ng		99
12) 1,3-Dichlorobenzene	8.201	146	337684	43.295	ng		96
13) 1,4-Dichlorobenzene	8.359	146	348174	44.038	ng		98
14) 1,2-Dichlorobenzene	8.677	146	338625	43.125	ng		99
15) Benzyl Alcohol	8.565	79	334120	44.033	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.824	45	657217	44.098	ng		98
17) 2-Methylphenol	8.741	107	322652	43.632	ng		99
18) Hexachloroethane	9.411	117	121404	44.951	ng		99
19) n-Nitroso-di-n-propyla...	9.135	70	280624	42.181	ng		99
20) 3+4-Methylphenols	9.076	107	436907	43.807	ng		96
22) Acetophenone	9.164	105	545897	42.053	ng		100
24) Nitrobenzene	9.564	77	396104	42.587	ng		97
25) Isophorone	10.075	82	767787	41.234	ng		99
26) 2-Nitrophenol	10.275	139	160958	42.967	ng		98
27) 2,4-Dimethylphenol	10.292	122	290168	35.209	ng		98
28) bis(2-Chloroethoxy)met...	10.557	93	465538	41.705	ng		98
29) 2,4-Dichlorophenol	10.792	162	340395	46.020	ng		97
30) 1,2,4-Trichlorobenzene	11.015	180	330244	42.050	ng		98
31) Naphthalene	11.221	128	1125506	41.618	ng		99
32) Benzoic acid	10.416	122	235957	44.124	ng		99
33) 4-Chloroaniline	11.332	127	152567	13.379	ng	#	95
34) Hexachlorobutadiene	11.450	225	223425	41.708	ng		96
35) Caprolactam	12.131	113	112441m	45.159	ng		
36) 4-Chloro-3-methylphenol	12.402	107	411359	45.381	ng		97
37) 2-Methylnaphthalene	12.801	142	764727	40.941	ng		98
38) 1-Methylnaphthalene	13.019	142	714602	40.760	ng		98
40) 1,2,4,5-Tetrachloroben...	13.142	216	426595	43.704	ng		99
41) Hexachlorocyclopentadiene	13.095	237	477342	99.445	ng		99
43) 2,4,6-Trichlorophenol	13.383	196	286906	45.776	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.448	196	313994	42.349	ng	#	92
46) 1,1'-Biphenyl	13.788	154	1033059	42.759	ng		98
47) 2-Chloronaphthalene	13.841	162	802497	44.012	ng		96
48) 2-Nitroaniline	14.053	65	277891	46.178	ng		99
49) Acenaphthylene	14.681	152	1338182	45.052	ng		99
50) Dimethylphthalate	14.394	163	1025422	43.017	ng		97
51) 2,6-Dinitrotoluene	14.535	165	206786	47.078	ng		97
52) Acenaphthene	15.016	154	742945	41.857	ng		99
53) 3-Nitroaniline	14.869	138	119420	23.613	ng	#	97
54) 2,4-Dinitrophenol	15.069	184	197211	87.043	ng		99
55) Dibenzofuran	15.345	168	1212376	42.185	ng		98
56) 4-Nitrophenol	15.140	139	361527	95.798	ng		98
57) 2,4-Dinitrotoluene	15.310	165	270435	48.942	ng		96
58) Fluorene	15.992	166	980696	42.651	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.551	232	282518m	45.691	ng		
60) Diethylphthalate	15.739	149	1051686	42.878	ng		100
61) 4-Chlorophenyl-phenyle...	15.974	204	487579	41.863	ng		99
62) 4-Nitroaniline	16.033	138	225695	43.580	ng		98
63) Azobenzene	16.268	77	1084914	42.742	ng		99
65) 4,6-Dinitro-2-methylph...	16.056	198	134182	44.895	ng		98
66) n-Nitrosodiphenylamine	16.197	169	897539	43.026	ng		99
67) 4-Bromophenyl-phenylether	16.873	248	312051	43.414	ng		98
68) Hexachlorobenzene	16.961	284	378621	45.815	ng		98
69) Atrazine	17.126	200	316365	45.343	ng		99
70) Pentachlorophenol	17.314	266	465789	86.960	ng		96
71) Phenanthrene	17.743	178	1521764	42.382	ng		99
72) Anthracene	17.831	178	1553024	42.778	ng		100
73) Carbazole	18.107	167	1363108	43.182	ng		98
74) Di-n-butylphthalate	18.618	149	1694908	44.060	ng		99
75) Fluoranthene	19.728	202	1697698	42.745	ng		99
77) Benzidine	19.916	184	542904	38.227	ng		99
78) Pyrene	20.093	202	1782223	43.984	ng		99
80) Butylbenzylphthalate	20.956	149	707282	46.172	ng		97
81) Benzo(a)anthracene	21.996	228	1754542	43.888	ng		99
82) 3,3'-Dichlorobenzidine	21.902	252	341292	25.328	ng	#	91
83) Chrysene	22.067	228	1694910	43.663	ng		99
84) Bis(2-ethylhexyl)phtha...	21.832	149	1027773	45.422	ng		98
85) Di-n-octyl phthalate	23.166	149	1752411	47.031	ng		99
87) Indeno(1,2,3-cd)pyrene	29.693	276	2105066	46.792	ng	#	89
88) Benzo(b)fluoranthene	24.423	252	1678075	46.249	ng		99
89) Benzo(k)fluoranthene	24.499	252	1728298	45.340	ng		98
90) Benzo(a)pyrene	25.398	252	1597509	44.909	ng		99
91) Dibenzo(a,h)anthracene	29.781	278	1756672	45.997	ng		98
92) Benzo(g,h,i)perylene	31.003	276	1620579	43.827	ng		97

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

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