Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
Data File : BG060555.D
Acq On : 6 Feb 2024 11:54
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 07 01:16:26 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 :
SSTDICC010

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	8.349	152	48948	20.000	ng		0.00
21) Naphthalene-d8	11.198	136	204822	20.000	ng		0.00
39) Acenaphthene-d10	14.982	164	133874	20.000	ng		0.00
64) Phenanthrene-d10	17.738	188	279439	20.000	ng		0.00
76) Chrysene-d12	22.080	240	275832	20.000	ng		0.00
86) Perylene-d12	25.687	264	304927	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.834	112	69494	21.440	ng		0.00
7) Phenol-d6	7.450	99	90985	20.876	ng		0.00
23) Nitrobenzene-d5	9.547	82	59001	16.203	ng		0.00
42) 2,4,6-Tribromophenol	16.463	330	27073	17.253	ng		0.00
45) 2-Fluorobiphenyl	13.607	172	196386	19.702	ng		0.00
79) Terphenyl-d14	20.323	244	336873	20.880	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.689	88	13720	11.045	ng		93
3) Pyridine	4.107	79	35088m	10.645	ng		
4) n-Nitrosodimethylamine	4.030	42	22572	11.093	ng	#	94
6) Aniline	7.667	93	40954	10.014	ng	#	94
8) 2-Chlorophenol	7.896	128	34708	10.258	ng		97
9) Benzaldehyde	7.491	77	31360	11.721	ng		92
10) Phenol	7.485	94	47318	10.711	ng		96
11) bis(2-Chloroethyl)ether	7.767	93	37991	10.770	ng		96
12) 1,3-Dichlorobenzene	8.231	146	41672	10.349	ng		95
13) 1,4-Dichlorobenzene	8.390	146	42557	10.362	ng		92
14) 1,2-Dichlorobenzene	8.701	146	39634	9.992	ng		99
15) Benzyl Alcohol	8.590	79	31758	10.113	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.872	45	82486m	10.067	ng		
17) 2-Methylphenol	8.766	107	29497	9.774	ng		99
18) Hexachloroethane	9.436	117	14312	9.954	ng		97
19) n-Nitroso-di-n-propyla...	9.154	70	29708	10.109	ng	#	95
20) 3+4-Methylphenols	9.089	107	39300	9.695	ng		98
22) Acetophenone	9.189	105	57103	10.135	ng	#	93
24) Nitrobenzene	9.588	77	33276	8.853	ng		97
25) Isophorone	10.100	82	77951	9.854	ng		98
26) 2-Nitrophenol	10.299	139	8531	9.862	ng		92
27) 2,4-Dimethylphenol	10.323	122	25724	9.816	ng		98
28) bis(2-Chloroethoxy)met...	10.587	93	47079	9.981	ng		97
29) 2,4-Dichlorophenol	10.816	162	30527	9.691	ng		98
30) 1,2,4-Trichlorobenzene	11.040	180	39016	10.163	ng		92
31) Naphthalene	11.251	128	118343	10.156	ng		97
32) Benzoic acid	10.358	122	7670m	13.079	ng		
33) 4-Chloroaniline	11.363	127	40252	9.656	ng		97
34) Hexachlorobutadiene	11.486	225	25438	9.685	ng		95
35) Caprolactam	12.127	113	10070	9.396	ng	#	92
36) 4-Chloro-3-methylphenol	12.420	107	35304	9.697	ng		96
37) 2-Methylnaphthalene	12.832	142	75582	9.714	ng		97
38) 1-Methylnaphthalene	13.043	142	75882	9.892	ng		95
40) 1,2,4,5-Tetrachloroben...	13.167	216	41119	9.442	ng		97
41) Hexachlorocyclopentadiene	13.131	237	11916	7.924	ng		98
43) 2,4,6-Trichlorophenol	13.413	196	23890	9.208	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.478	196	26984	9.239	ng		96
46) 1,1'-Biphenyl	13.819	154	105353	9.775	ng		99
47) 2-Chloronaphthalene	13.872	162	87241	9.984	ng		98
48) 2-Nitroaniline	14.083	65	15830	10.941	ng		92
49) Acenaphthylene	14.712	152	127684	10.246	ng		98
50) Dimethylphthalate	14.424	163	103399	10.006	ng		99
51) 2,6-Dinitrotoluene	14.565	165	11653	10.584	ng	#	87
52) Acenaphthene	15.047	154	84213	10.457	ng		95
53) 3-Nitroaniline	14.900	138	12870	10.369	ng	#	94
54) 2,4-Dinitrophenol	15.088	184	3596	10.546	ng	#	78
55) Dibenzofuran	15.376	168	121216	9.611	ng		99
56) 4-Nitrophenol	15.158	139	10426	11.743	ng		89
57) 2,4-Dinitrotoluene	15.335	165	13264	10.595	ng		96
58) Fluorene	16.028	166	97344	9.663	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.581	232	23410	9.310	ng	#	94
60) Diethylphthalate	15.775	149	100233	9.480	ng		99
61) 4-Chlorophenyl-phenyle...	16.016	204	48721	9.518	ng		97
62) 4-Nitroaniline	16.057	138	12724	9.517	ng		93
63) Azobenzene	16.310	77	99197	9.630	ng		97
65) 4,6-Dinitro-2-methylph...	16.087	198	5818	10.390	ng		79
66) n-Nitrosodiphenylamine	16.228	169	84400	10.117	ng		98
67) 4-Bromophenyl-phenylether	16.915	248	30865	9.869	ng		94
68) Hexachlorobenzene	16.997	284	34682	9.780	ng		94
69) Atrazine	17.168	200	29126	11.207	ng		95
70) Pentachlorophenol	17.356	266	18672	9.064	ng		88
71) Phenanthrene	17.779	178	152970	10.118	ng		98
72) Anthracene	17.873	178	155021	10.297	ng		99
73) Carbazole	18.143	167	140780	10.116	ng		99
74) Di-n-butylphthalate	18.666	149	173943	10.147	ng		99
75) Fluoranthene	19.776	202	185477	10.133	ng		99
77) Benzidine	19.959	184	13369	3.302	ng		96
78) Pyrene	20.135	202	198360	10.110	ng		99
80) Butylbenzylphthalate	21.016	149	67739	9.398	ng		99
81) Benzo(a)anthracene	22.062	228	195546	9.979	ng		99
82) 3,3'-Dichlorobenzidine	21.968	252	61126	9.442	ng		98
83) Chrysene	22.132	228	188516	10.037	ng		98
84) Bis(2-ethylhexyl)phtha...	21.927	149	108258	9.736	ng		98
85) Di-n-octyl phthalate	23.290	149	173204	9.299	ng		99
87) Indeno(1,2,3-cd)pyrene	29.876	276	212739m	9.571	ng		
88) Benzo(b)fluoranthene	24.524	252	193081	9.787	ng		98
89) Benzo(k)fluoranthene	24.606	252	184251	9.706	ng		99
90) Benzo(a)pyrene	25.517	252	167727	9.705	ng		98
91) Dibenzo(a,h)anthracene	29.976	278	170022	9.268	ng		99
92) Benzo(g,h,i)perylene	31.192	276	177273	9.660	ng		96

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

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