Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020624\
Data File : BG060556.D
Acq On : 6 Feb 2024 13:14
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 07 01:17:53 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 :
SSTDICC020

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	8.351	152	53945	20.000	ng		0.00
21) Naphthalene-d8	11.201	136	214410	20.000	ng		0.00
39) Acenaphthene-d10	14.985	164	132634	20.000	ng		0.00
64) Phenanthrene-d10	17.735	188	293272	20.000	ng		0.00
76) Chrysene-d12	22.082	240	283277	20.000	ng		0.00
86) Perylene-d12	25.702	264	318048	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.837	112	138391	38.742	ng		0.00
7) Phenol-d6	7.458	99	197422	41.102	ng		0.00
23) Nitrobenzene-d5	9.550	82	139554	36.611	ng		0.00
42) 2,4,6-Tribromophenol	16.465	330	63256	40.688	ng		0.00
45) 2-Fluorobiphenyl	13.604	172	412274	41.747	ng		0.00
79) Terphenyl-d14	20.326	244	693511	41.855	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.692	88	23061	16.845	ng		98
3) Pyridine	4.103	79	63122	17.376	ng		98
4) n-Nitrosodimethylamine	4.033	42	38261	17.061	ng		95
6) Aniline	7.670	93	89661	19.893	ng		97
8) 2-Chlorophenol	7.893	128	75356	20.208	ng		99
9) Benzaldehyde	7.494	77	62071	21.050	ng		99
10) Phenol	7.482	94	97600	20.047	ng		98
11) bis(2-Chloroethyl)ether	7.764	93	78996	20.320	ng		98
12) 1,3-Dichlorobenzene	8.234	146	86919	19.586	ng		96
13) 1,4-Dichlorobenzene	8.387	146	90029	19.890	ng		99
14) 1,2-Dichlorobenzene	8.704	146	86683	19.829	ng		97
15) Benzyl Alcohol	8.586	79	67971	19.640	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.868	45	177052	19.607	ng		99
17) 2-Methylphenol	8.763	107	66449	19.979	ng		96
18) Hexachloroethane	9.438	117	29637	18.703	ng		92
19) n-Nitroso-di-n-propyla...	9.156	70	61784	19.077	ng		96
20) 3+4-Methylphenols	9.098	107	85220	19.075	ng		98
22) Acetophenone	9.192	105	119838	20.319	ng	#	96
24) Nitrobenzene	9.591	77	76605	19.470	ng	#	98
25) Isophorone	10.096	82	164886	19.912	ng		97
26) 2-Nitrophenol	10.302	139	20929	20.730	ng		95
27) 2,4-Dimethylphenol	10.320	122	53961	19.671	ng		95
28) bis(2-Chloroethoxy)met...	10.584	93	99476	20.146	ng		98
29) 2,4-Dichlorophenol	10.813	162	67273	20.400	ng		99
30) 1,2,4-Trichlorobenzene	11.042	180	79456	19.771	ng		100
31) Naphthalene	11.248	128	243494	19.962	ng		99
32) Benzoic acid	10.384	122	24604m	19.888	ng		
33) 4-Chloroaniline	11.366	127	88680	20.321	ng		95
34) Hexachlorobutadiene	11.483	225	55592	20.218	ng		97
35) Caprolactam	12.135	113	22213	19.799	ng	#	89
36) 4-Chloro-3-methylphenol	12.423	107	75994	19.940	ng		100
37) 2-Methylnaphthalene	12.829	142	161715	19.855	ng		97
38) 1-Methylnaphthalene	13.046	142	159309	19.839	ng		96
40) 1,2,4,5-Tetrachloroben...	13.169	216	87474	20.273	ng		99
41) Hexachlorocyclopentadiene	13.128	237	29658	19.905	ng		96
43) 2,4,6-Trichlorophenol	13.410	196	51022	19.850	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.475	196	57901	20.009	ng		98
46) 1,1'-Biphenyl	13.821	154	218477	20.461	ng		98
47) 2-Chloronaphthalene	13.868	162	176566	20.396	ng		98
48) 2-Nitroaniline	14.080	65	36470	18.591	ng		97
49) Acenaphthylene	14.715	152	248863	20.157	ng		99
50) Dimethylphthalate	14.427	163	209379	20.452	ng		98
51) 2,6-Dinitrotoluene	14.562	165	29463	18.767	ng		94
52) Acenaphthene	15.049	154	164598	20.630	ng		98
53) 3-Nitroaniline	14.903	138	31849	19.377	ng	#	97
54) 2,4-Dinitrophenol	15.085	184	8570	19.566	ng		96
55) Dibenzofuran	15.378	168	254747	20.387	ng		98
56) 4-Nitrophenol	15.155	139	26568	19.985	ng		98
57) 2,4-Dinitrotoluene	15.337	165	35483	18.497	ng		90
58) Fluorene	16.025	166	201959	20.235	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.584	232	49102	19.711	ng		100
60) Diethylphthalate	15.778	149	211349	20.177	ng		99
61) 4-Chlorophenyl-phenyle...	16.013	204	103041	20.318	ng		98
62) 4-Nitroaniline	16.060	138	34697	19.179	ng		97
63) Azobenzene	16.307	77	210208	20.598	ng		98
65) 4,6-Dinitro-2-methylph...	16.084	198	14552	19.870	ng		93
66) n-Nitrosodiphenylamine	16.230	169	176028	20.104	ng		100
67) 4-Bromophenyl-phenylether	16.912	248	66320	20.204	ng		100
68) Hexachlorobenzene	17.000	284	76188	20.471	ng		97
69) Atrazine	17.170	200	59647	21.869	ng		96
70) Pentachlorophenol	17.353	266	42985	19.881	ng		94
71) Phenanthrene	17.782	178	319979	20.167	ng		99
72) Anthracene	17.870	178	318491	20.157	ng		98
73) Carbazole	18.146	167	301180	20.621	ng		98
74) Di-n-butylphthalate	18.669	149	367942	20.451	ng		98
75) Fluoranthene	19.773	202	395478	20.586	ng		99
77) Benzidine	19.961	184	41798	10.054	ng		97
78) Pyrene	20.138	202	407834	20.240	ng		98
80) Butylbenzylphthalate	21.019	149	148759	20.096	ng		98
81) Benzo(a)anthracene	22.059	228	407263	20.237	ng		99
82) 3,3'-Dichlorobenzidine	21.971	252	126983	19.099	ng		97
83) Chrysene	22.135	228	392786	20.363	ng		99
84) Bis(2-ethylhexyl)phtha...	21.924	149	229400	20.088	ng		98
85) Di-n-octyl phthalate	23.287	149	383534	20.050	ng		99
87) Indeno(1,2,3-cd)pyrene	29.885	276	466787m	20.133	ng		
88) Benzo(b)fluoranthene	24.527	252	420830	20.451	ng		96
89) Benzo(k)fluoranthene	24.603	252	402945	20.351	ng		98
90) Benzo(a)pyrene	25.514	252	365911	20.300	ng		97
91) Dibenzo(a,h)anthracene	29.979	278	388546	20.307	ng		98
92) Benzo(g,h,i)perylene	31.219	276	384451	20.085	ng		98

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

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